

660750-55T60E60

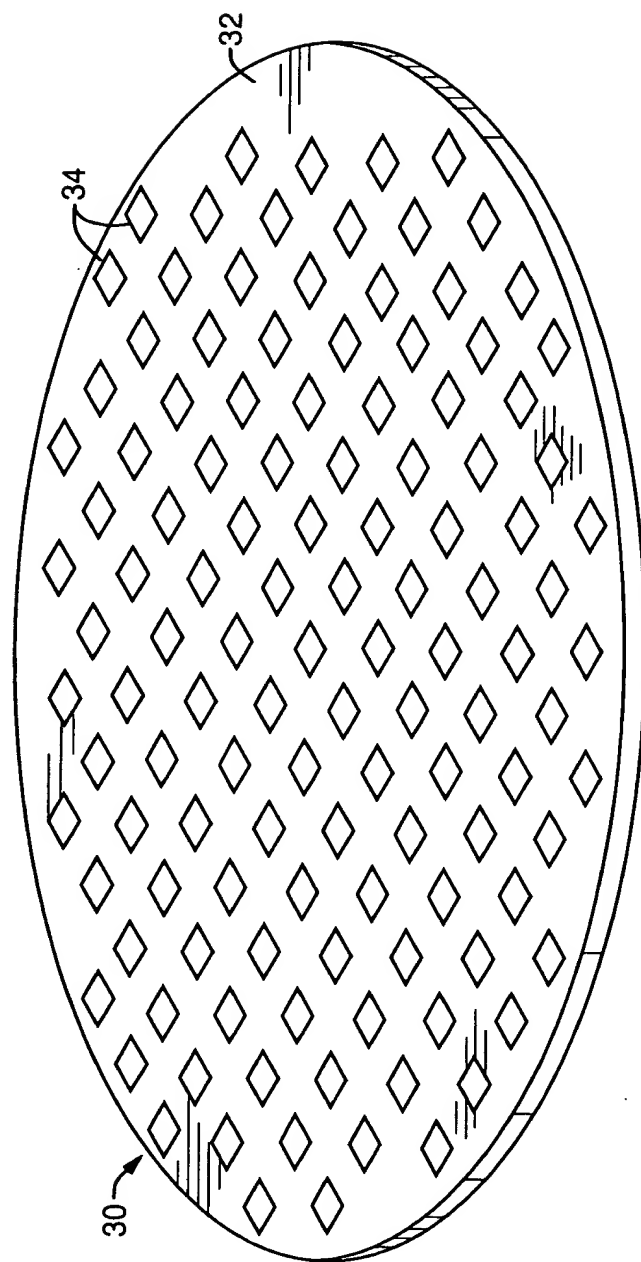


FIG. 1

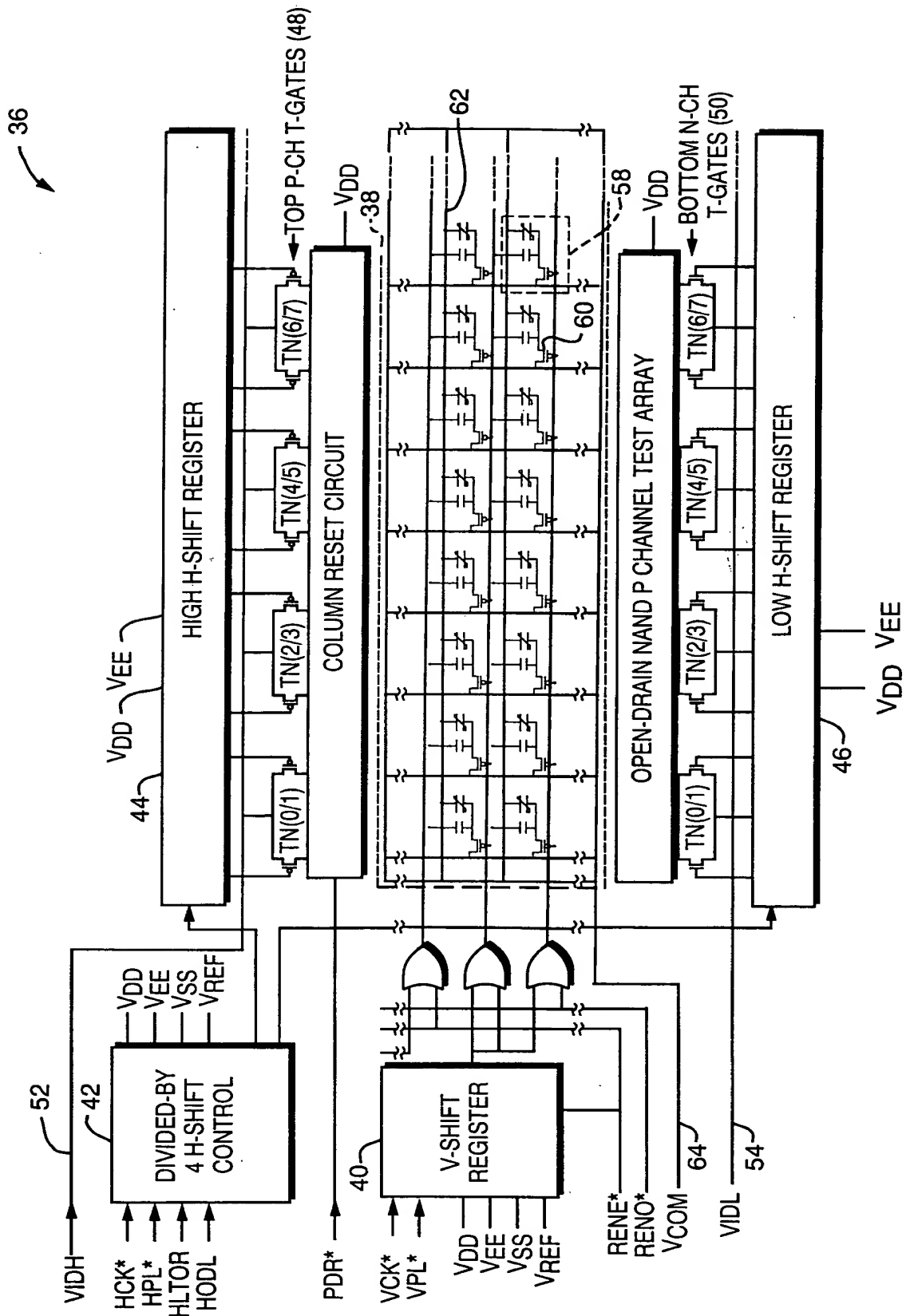


FIG. 2A

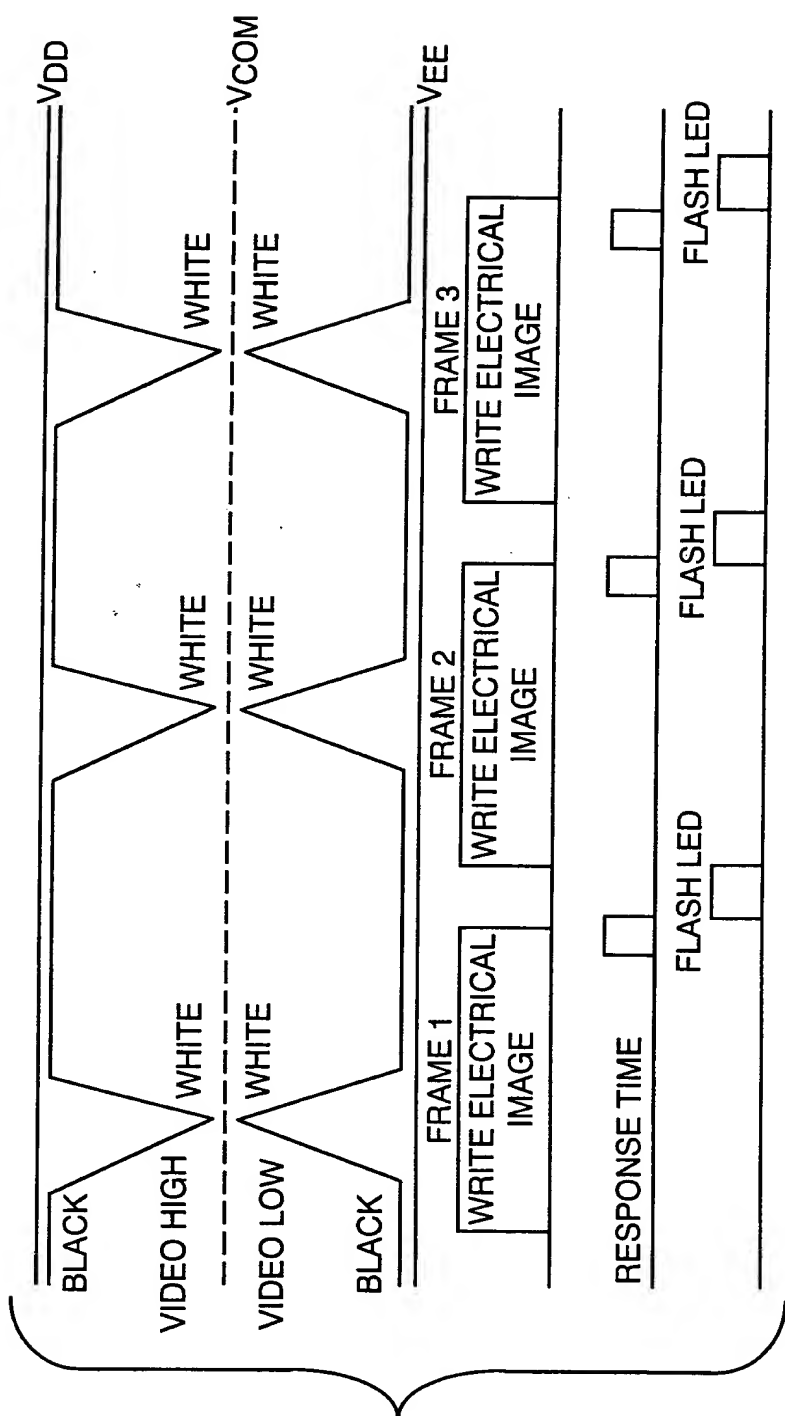


FIG. 2B

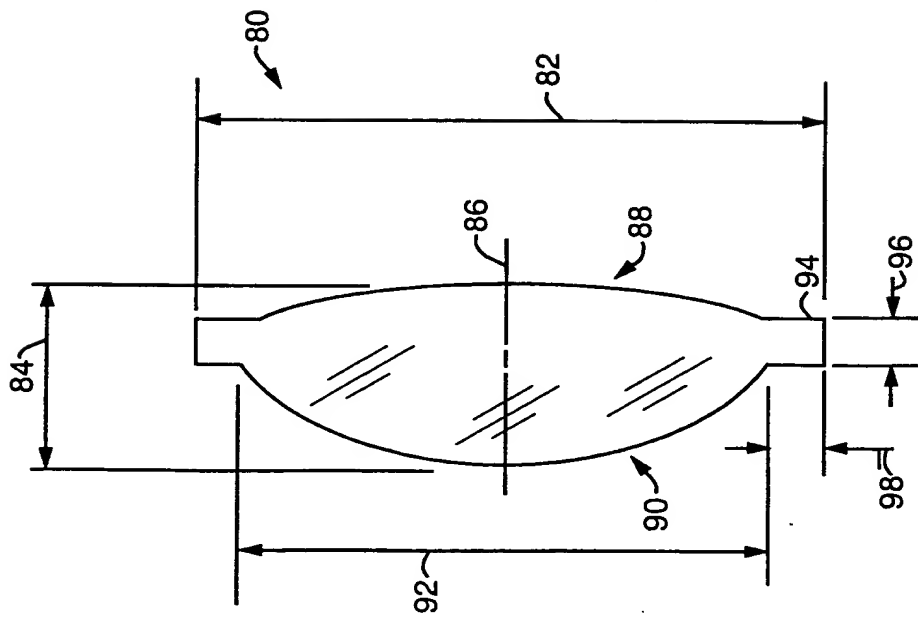


FIG. 3A

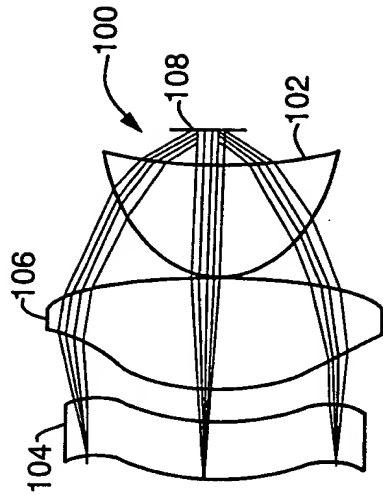


FIG. 3B

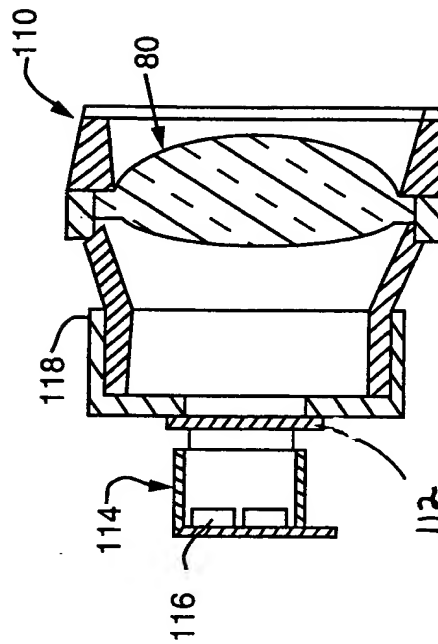


FIG. 3C

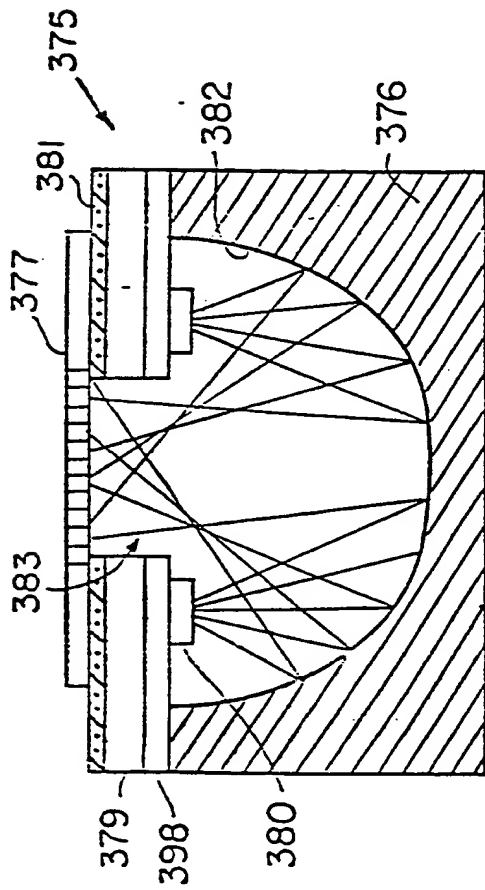


FIG. 3E

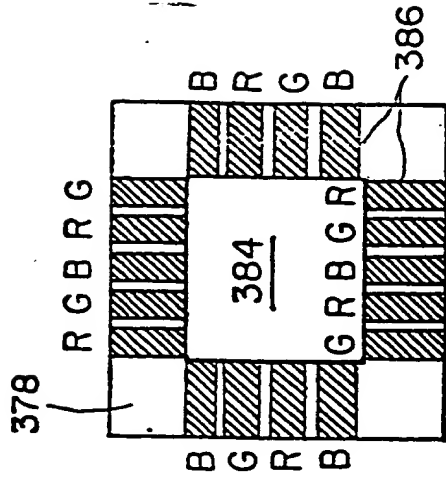


FIG. 3F

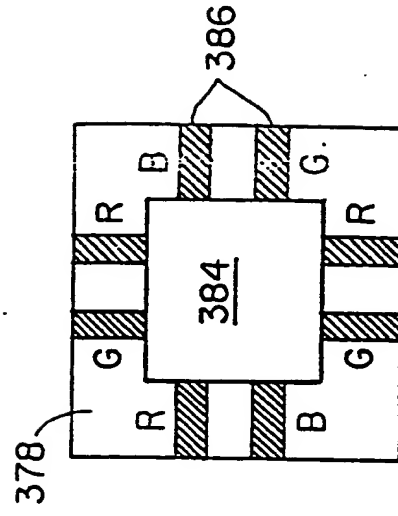


FIG. 3G

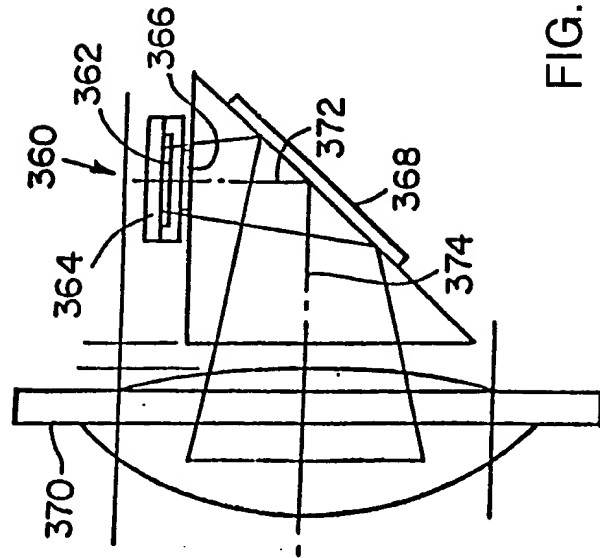


FIG. 3D

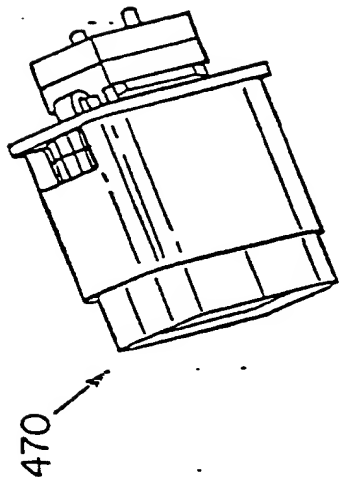


FIG. 3H

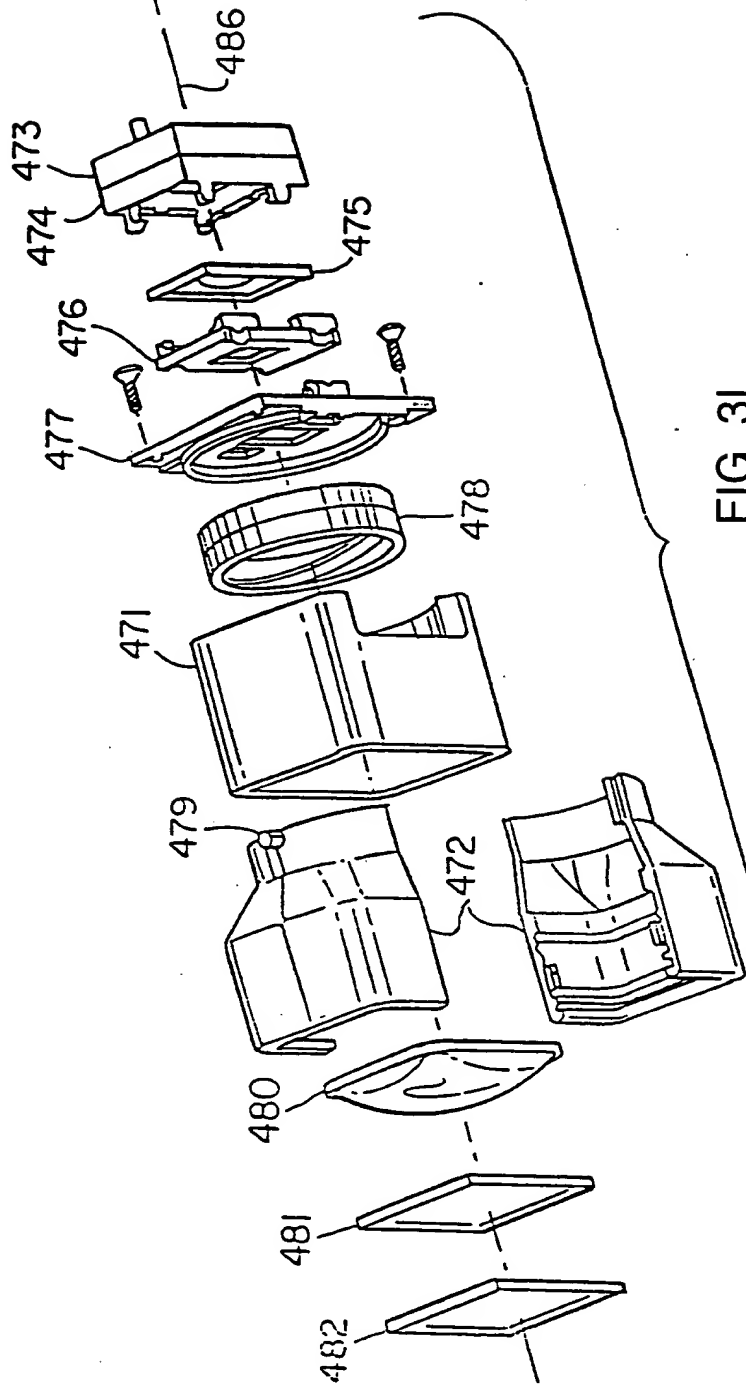


FIG. 3I

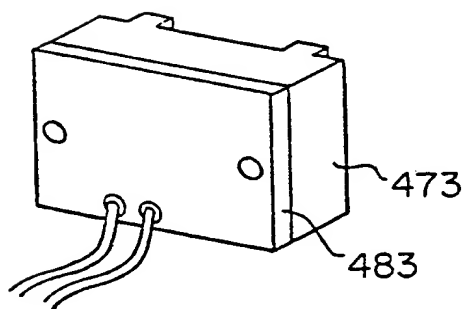
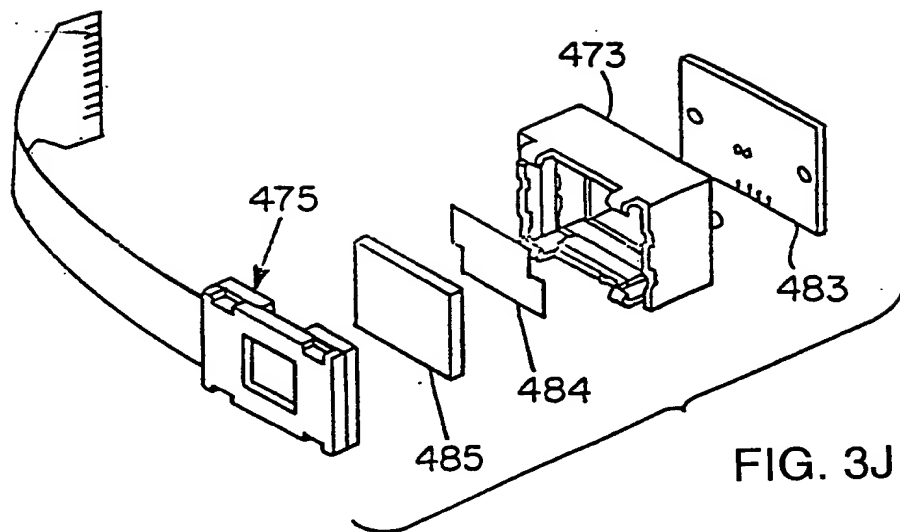


FIG. 3K

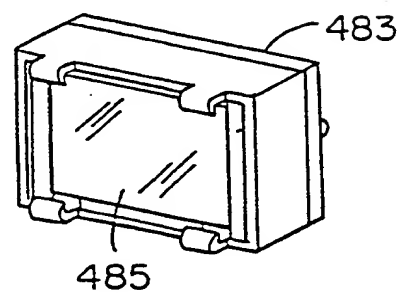


FIG. 3L

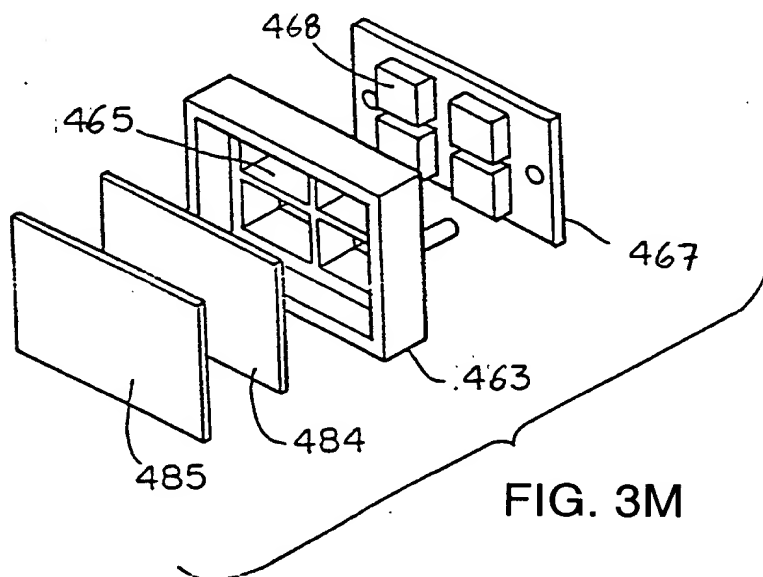


FIG. 3M

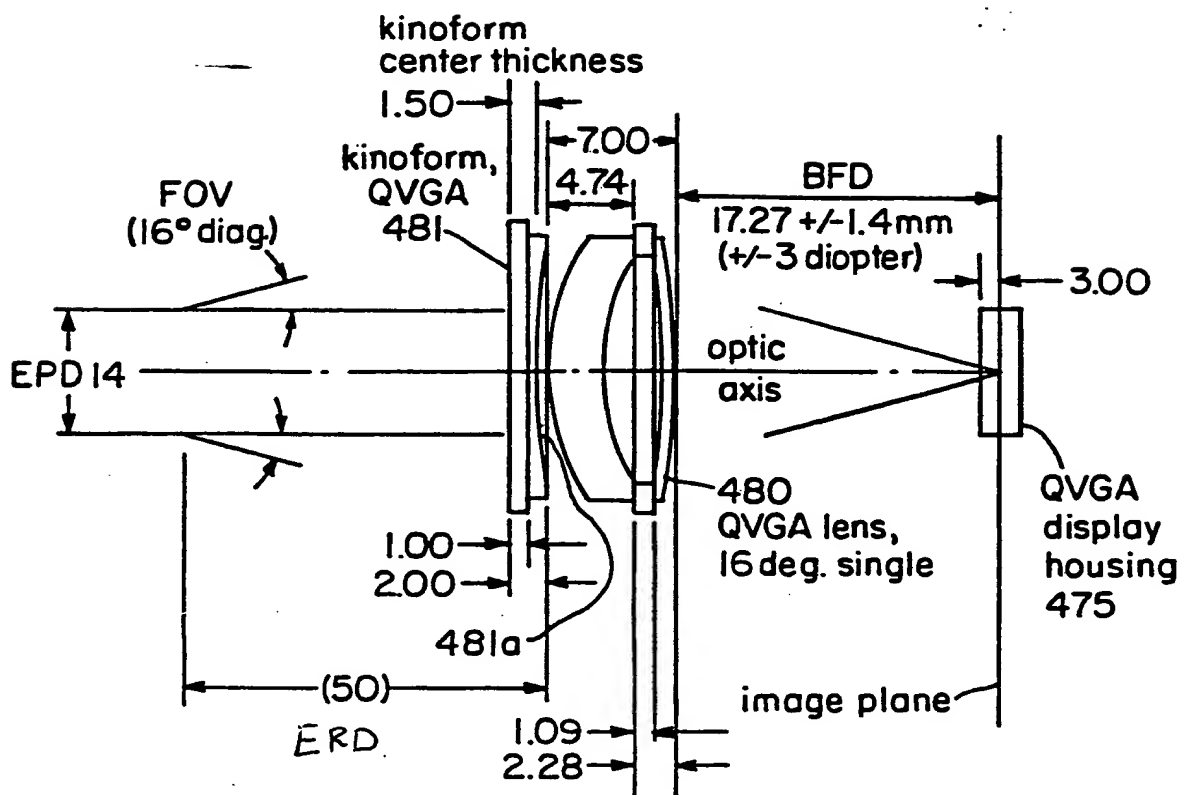


FIG. 3N

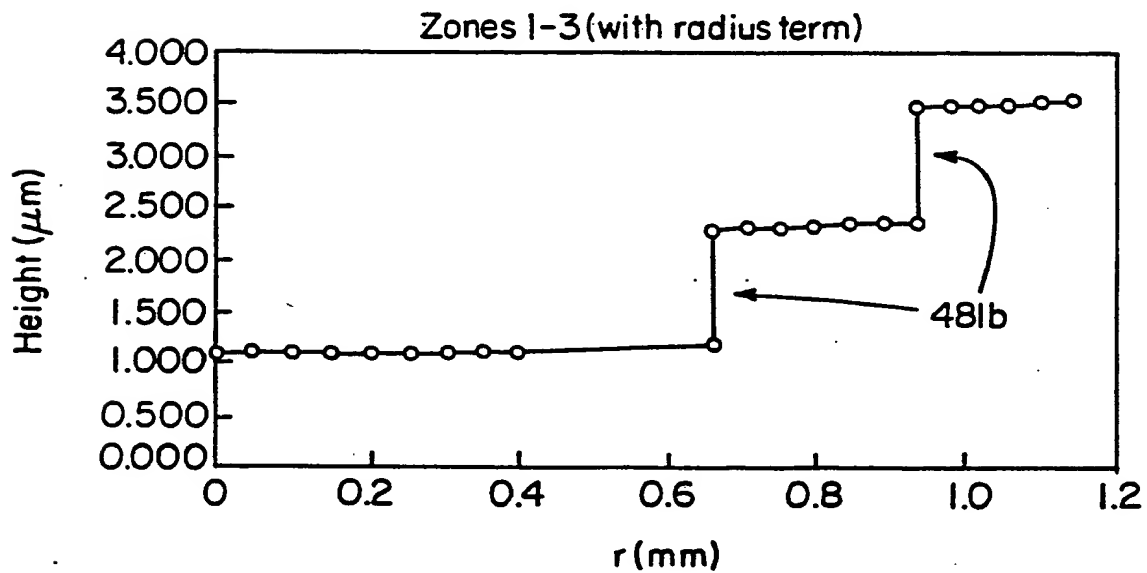


FIG. 3O



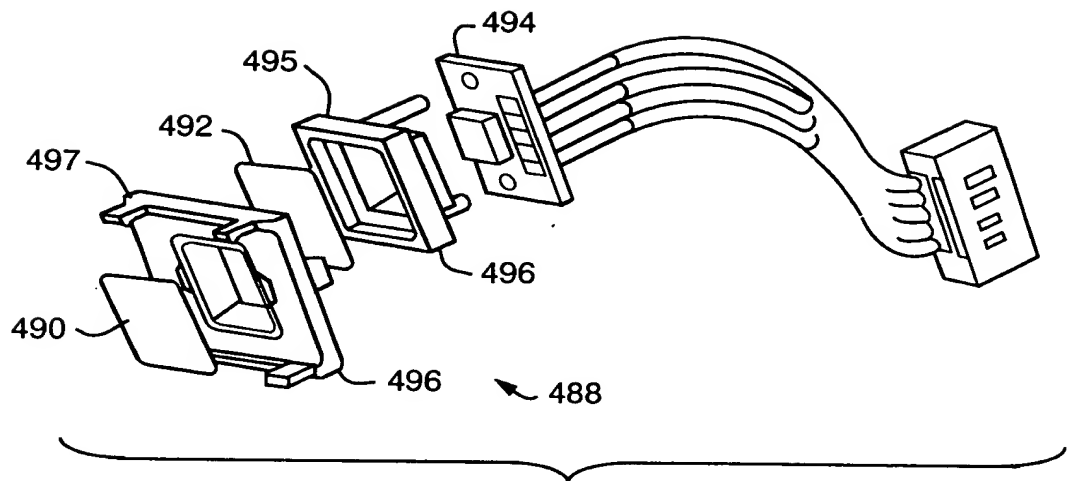


FIG. 3P

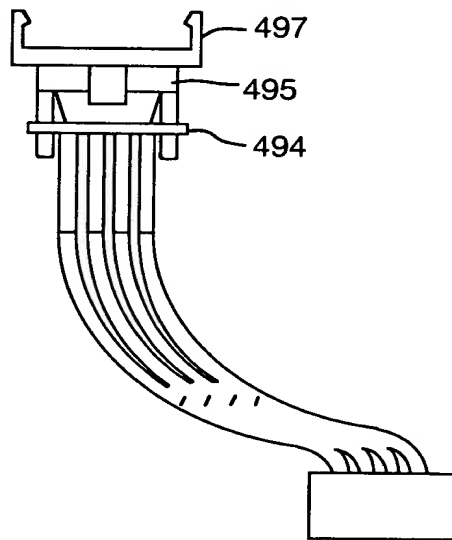


FIG. 3Q

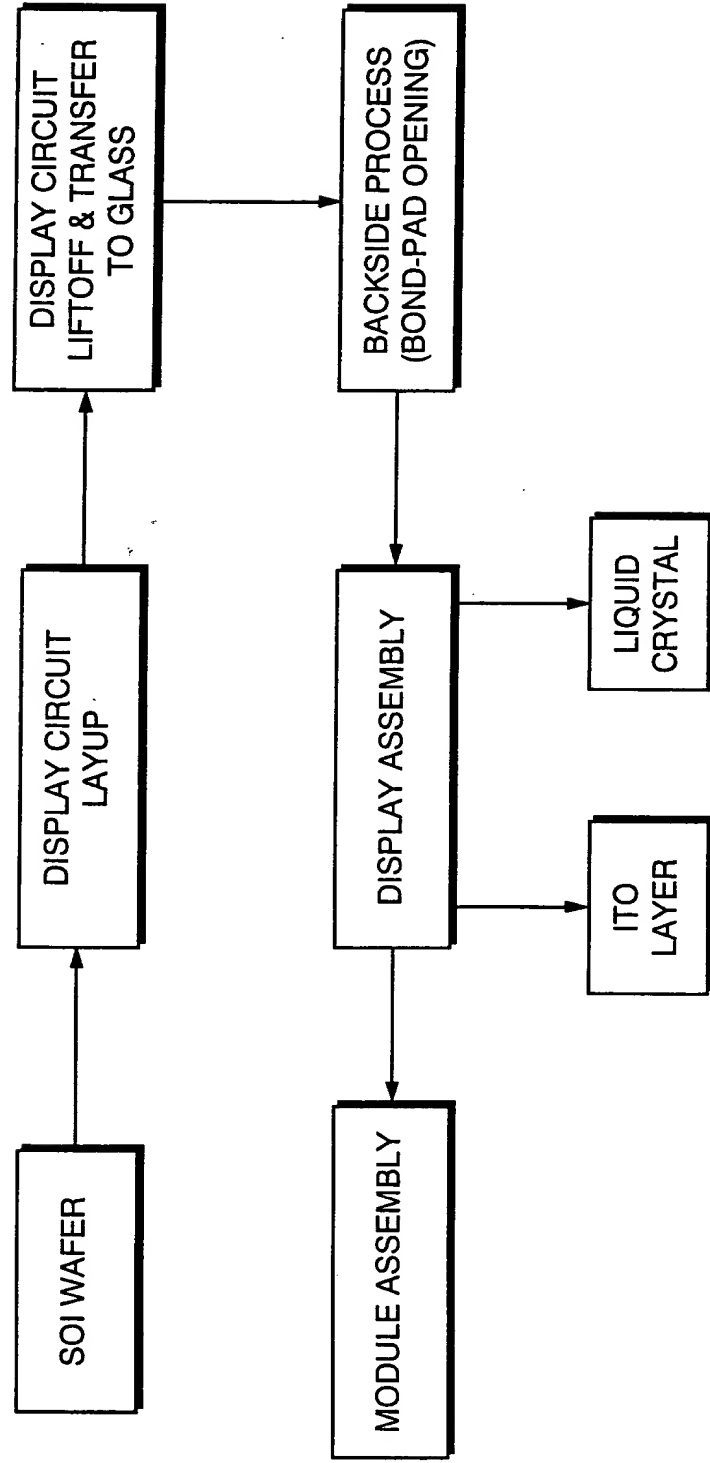


FIG. 4

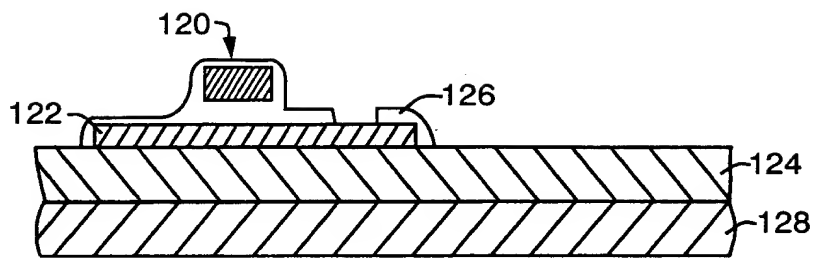


FIG. 5A

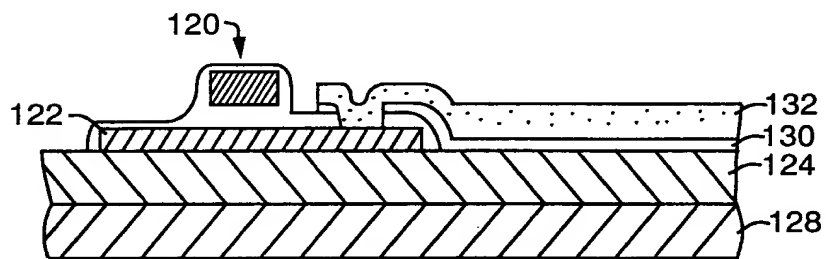


FIG. 5B

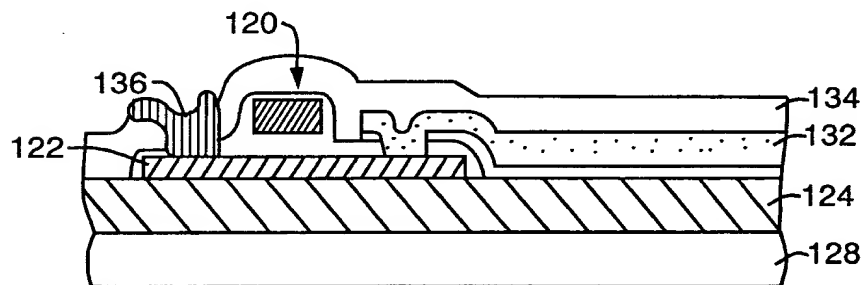


FIG. 5C

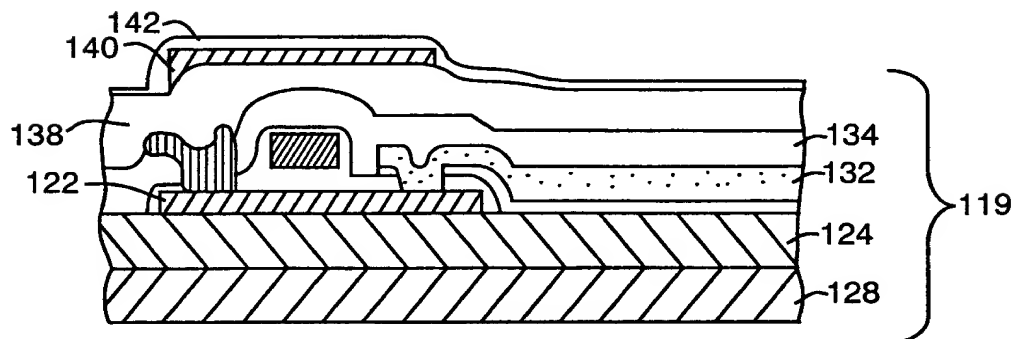


FIG. 5D

600450 5940260



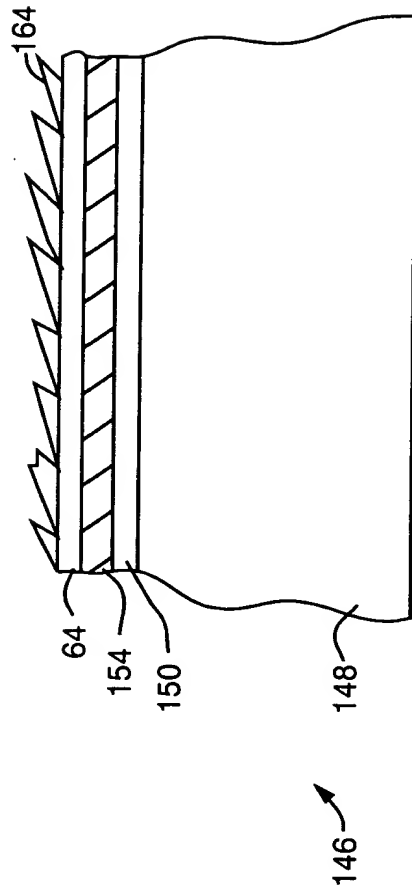


FIG. 6

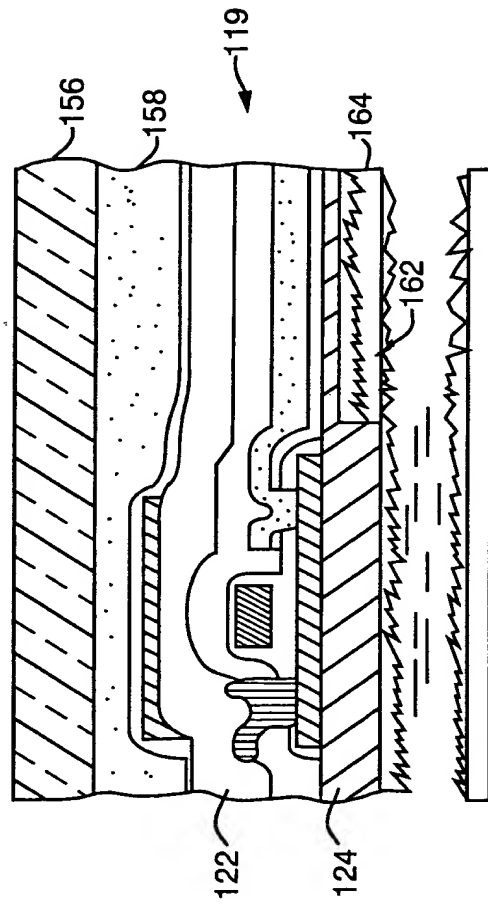


FIG. 7

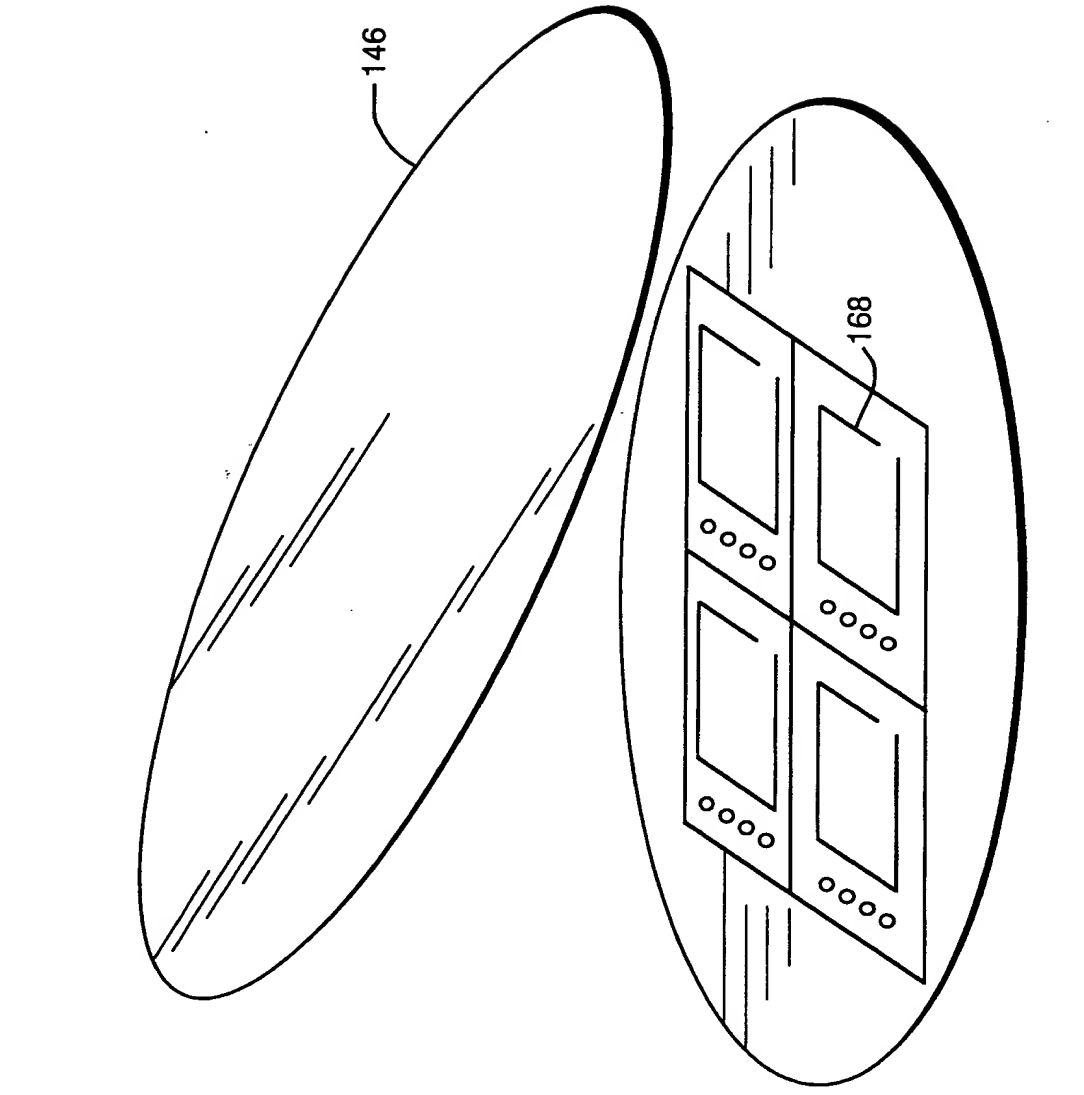
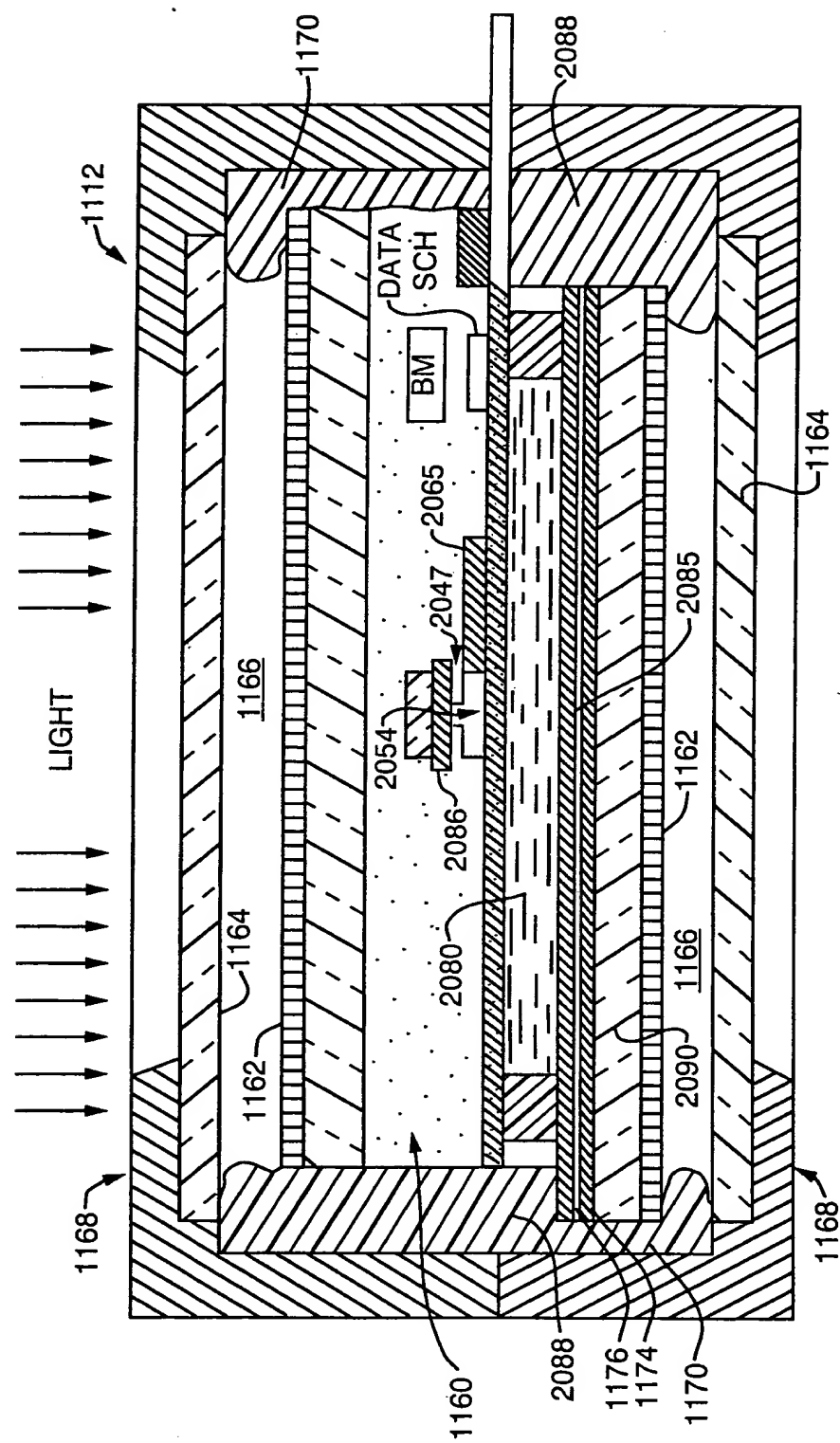


FIG. 8



**FIG. 9**

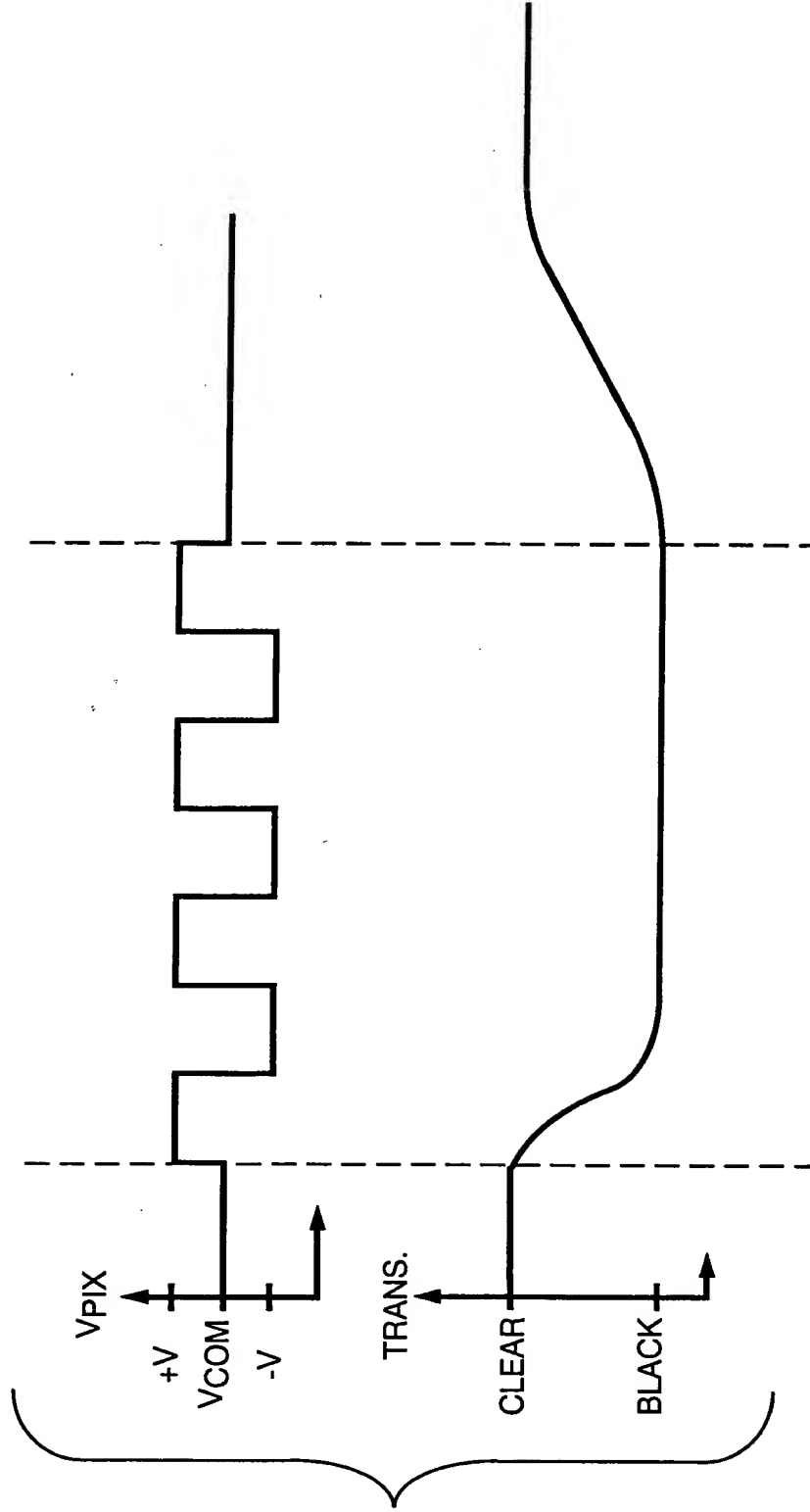


FIG. 10



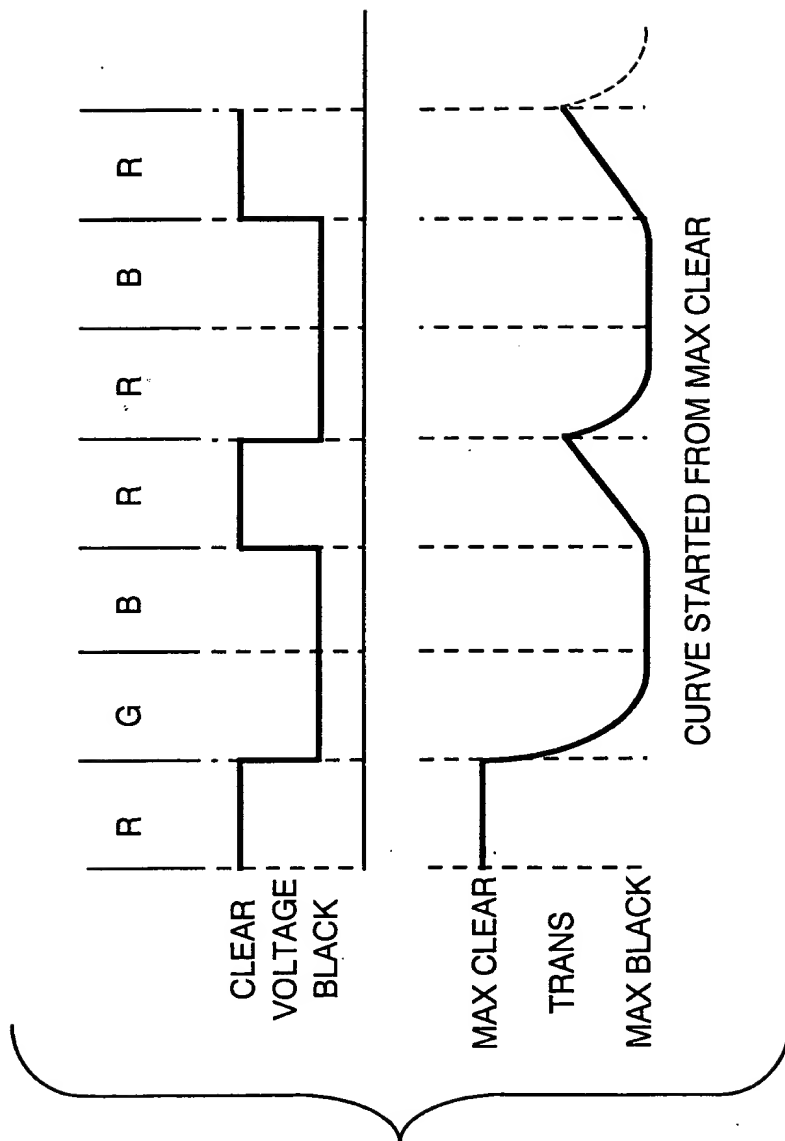
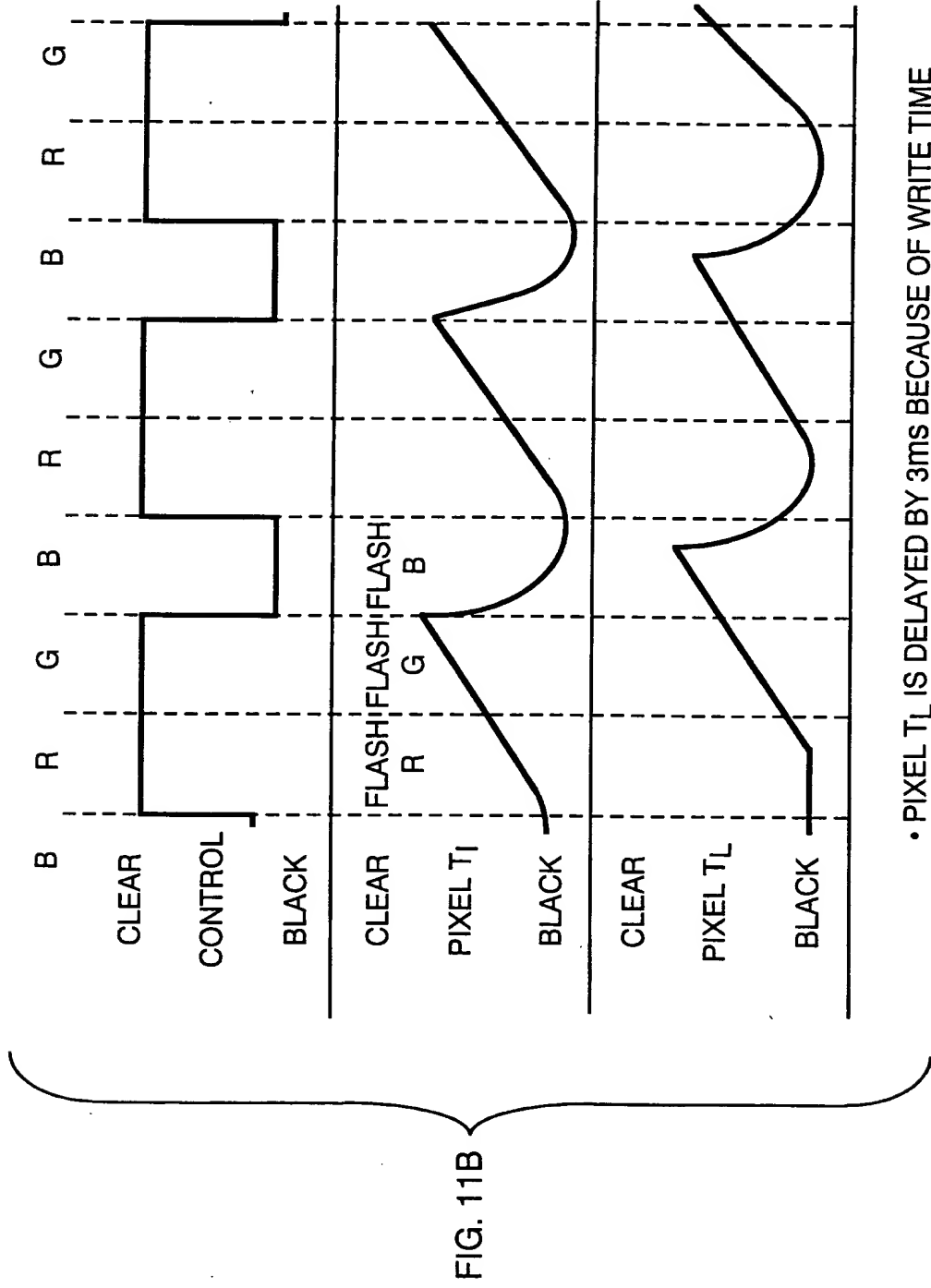


FIG. 11A



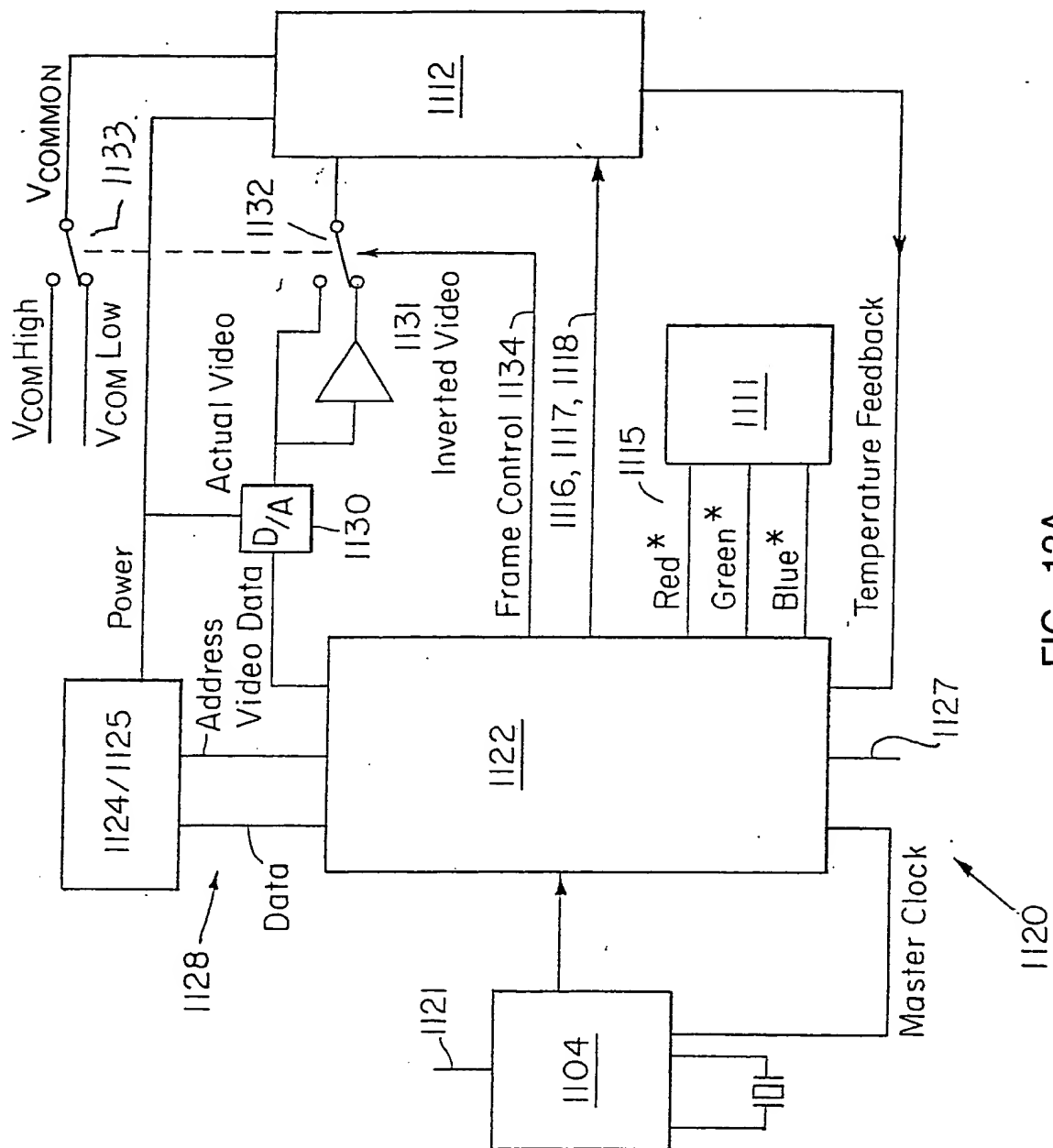


FIG. 12A

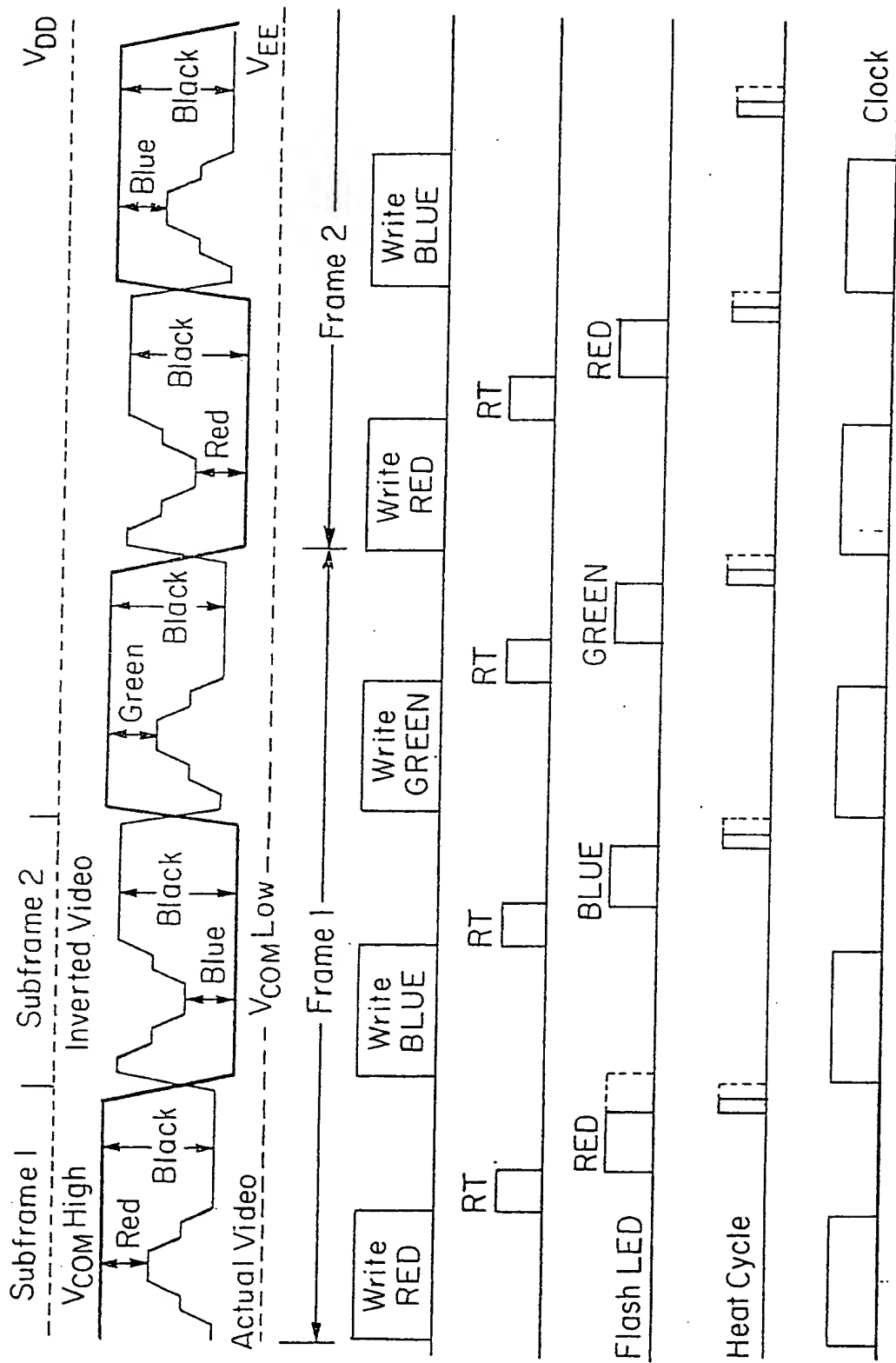


FIG. 12B

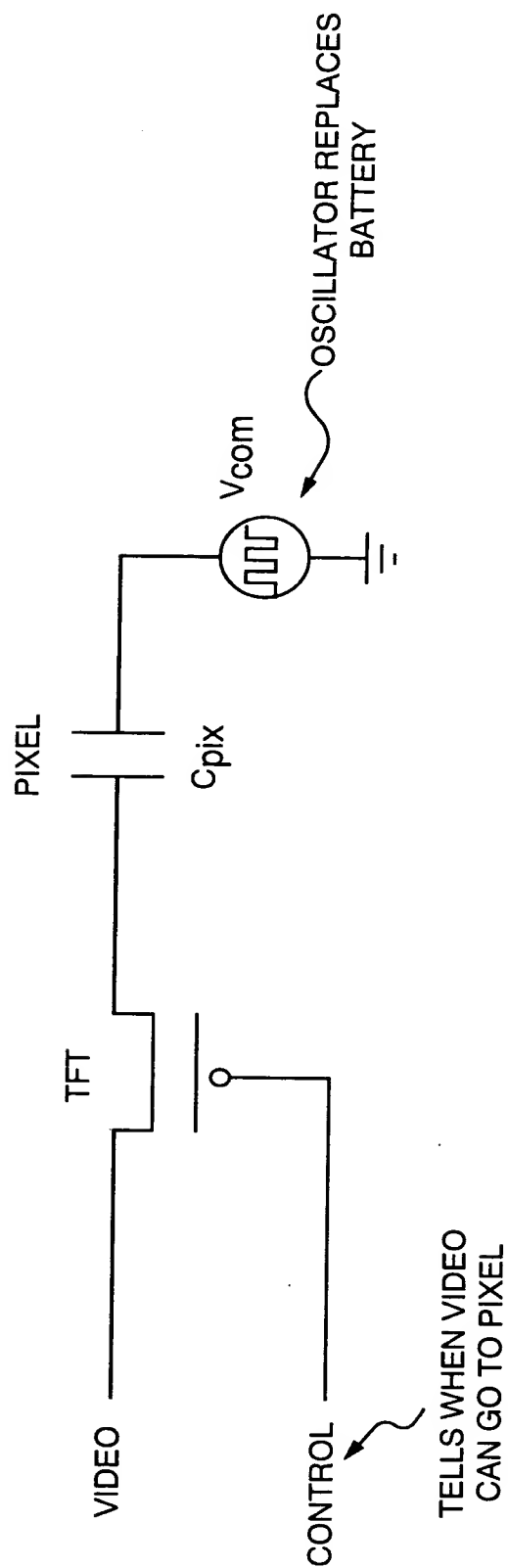


FIG. 12C

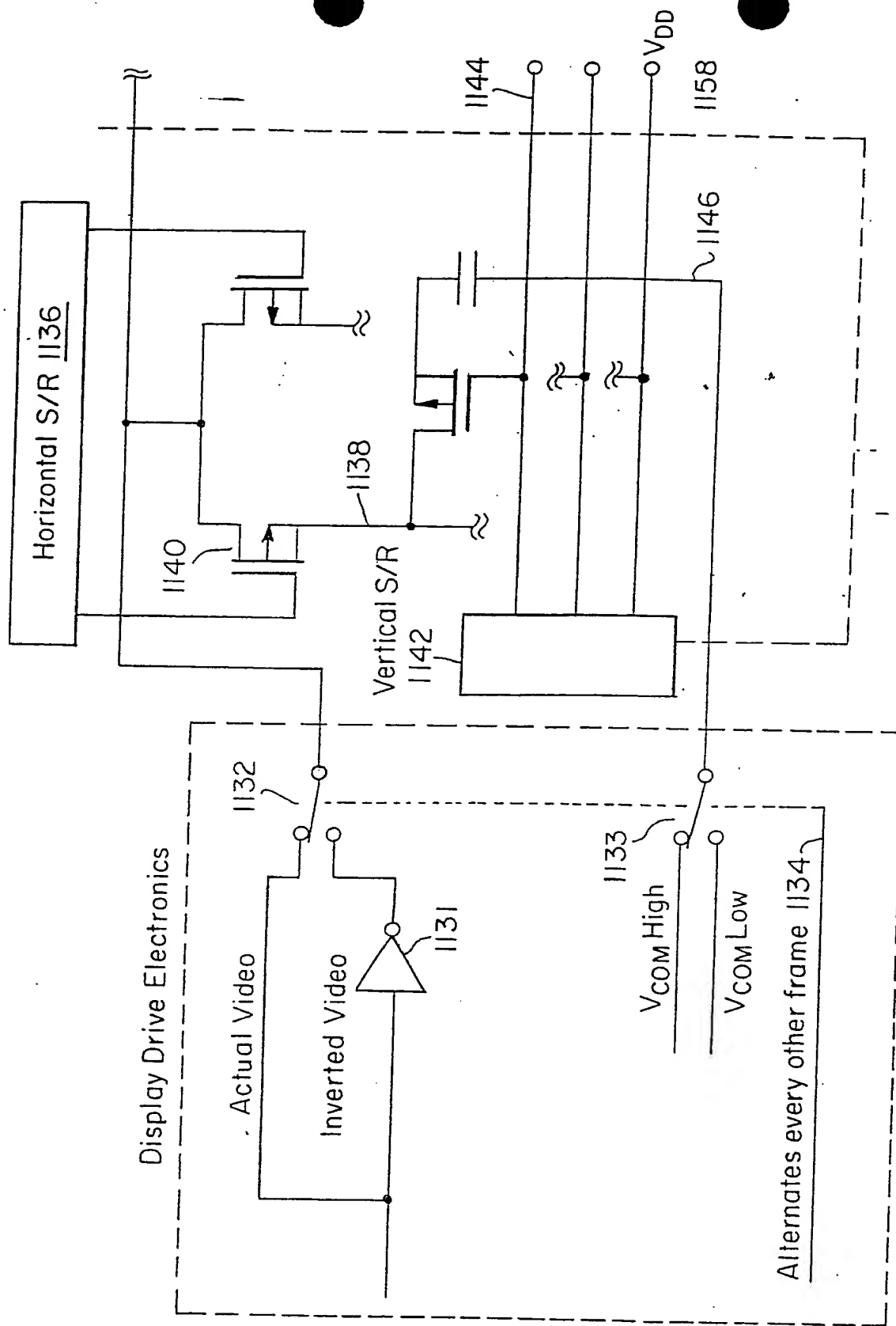
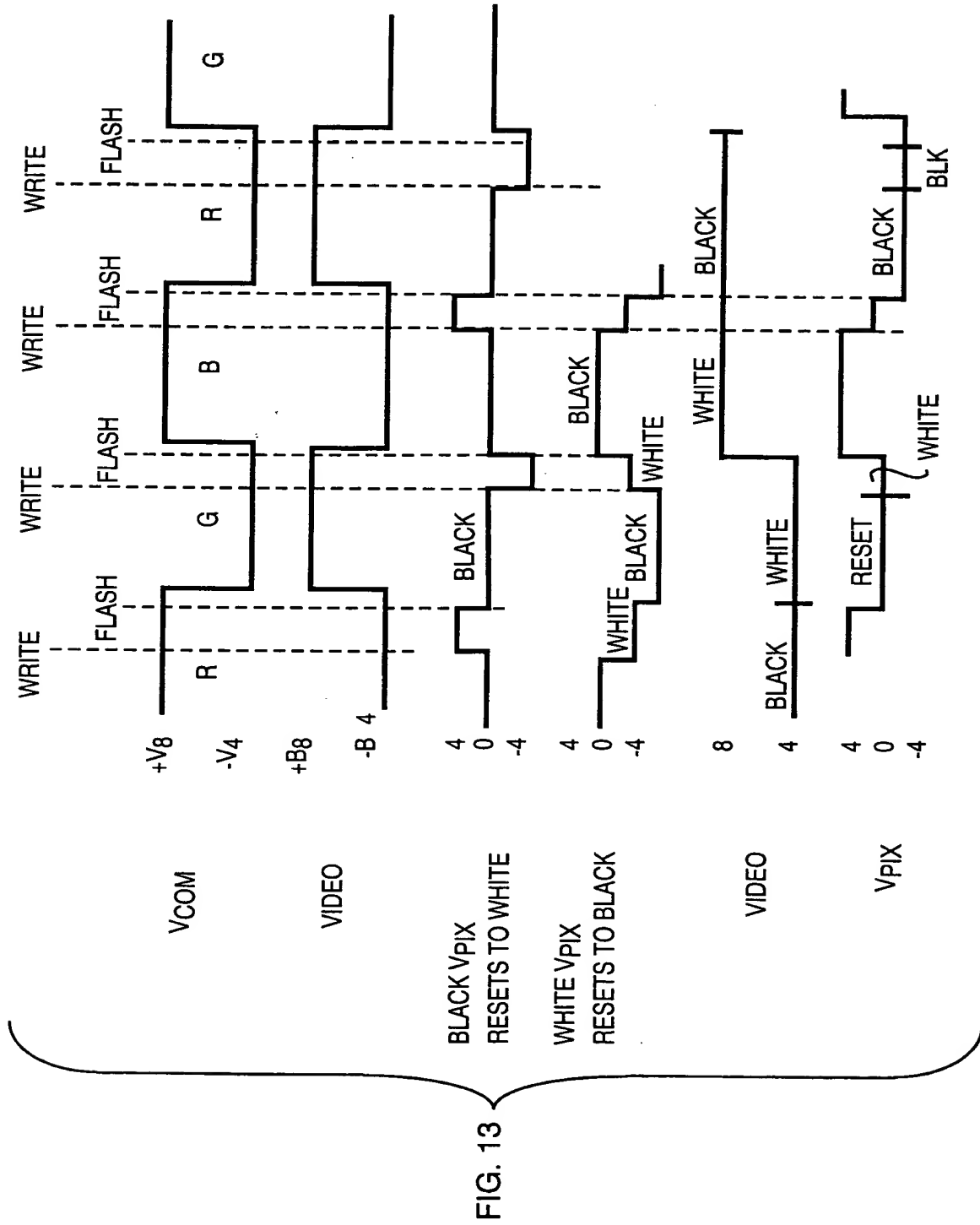


FIG. 12D







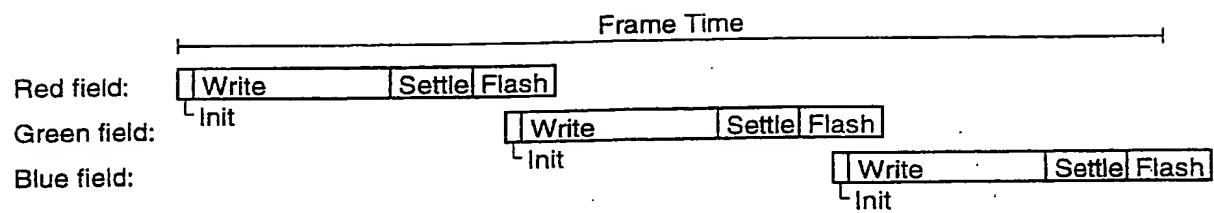


FIG. 14B

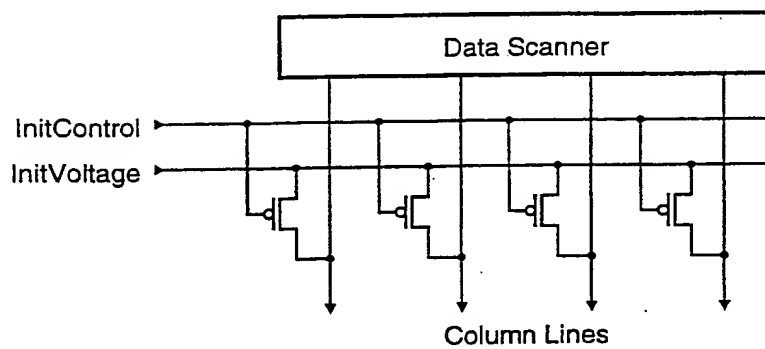


FIG. 14C

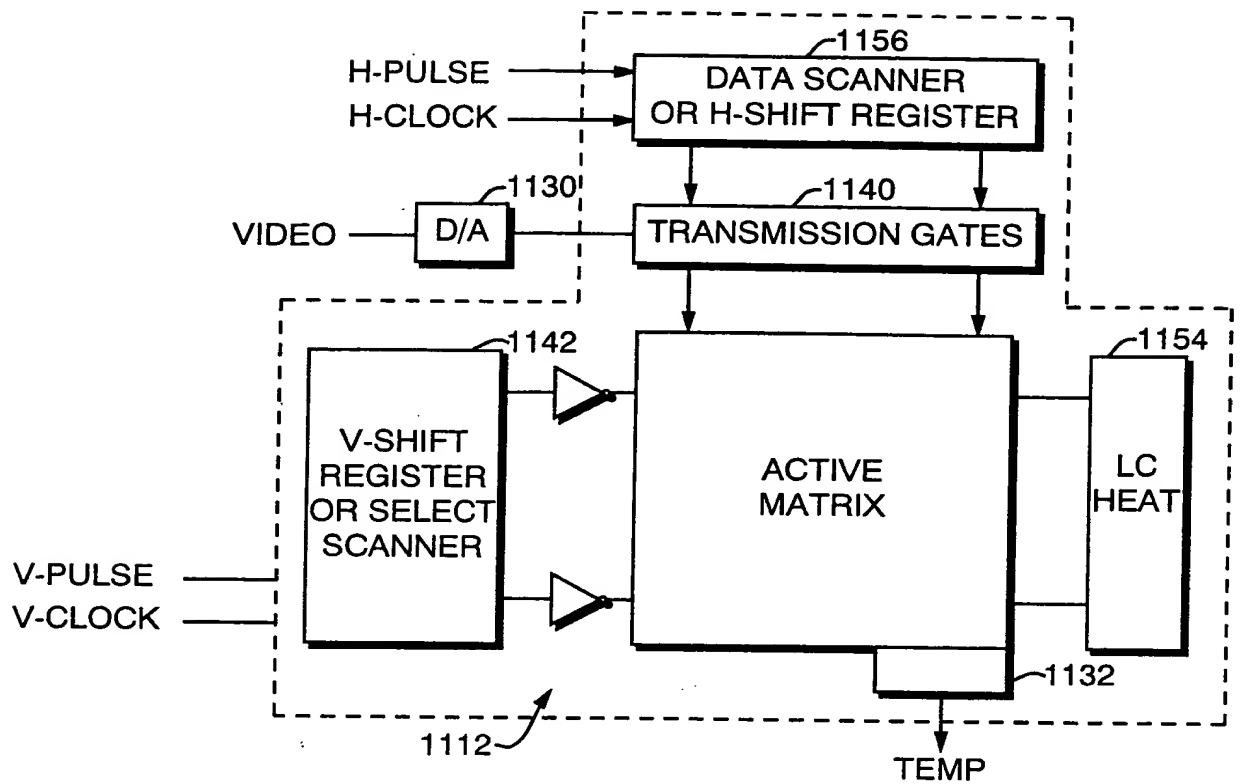


FIG. 15A

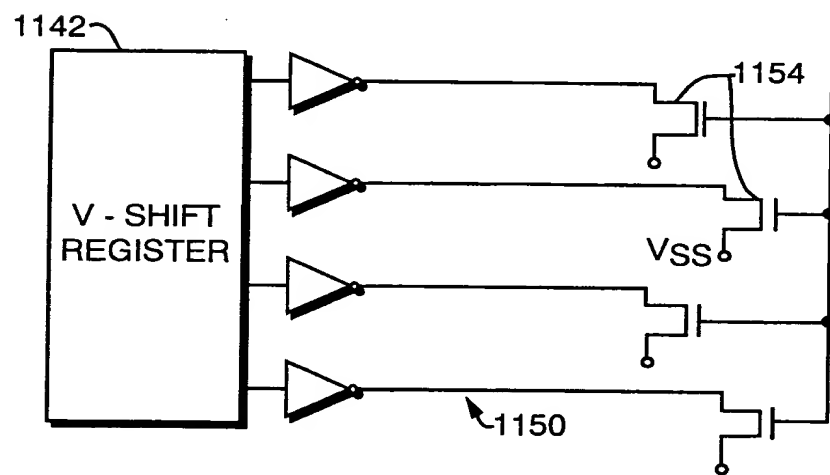


FIG. 15B

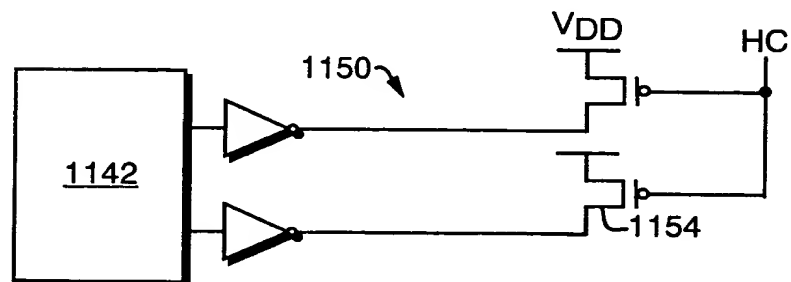


FIG. 15C

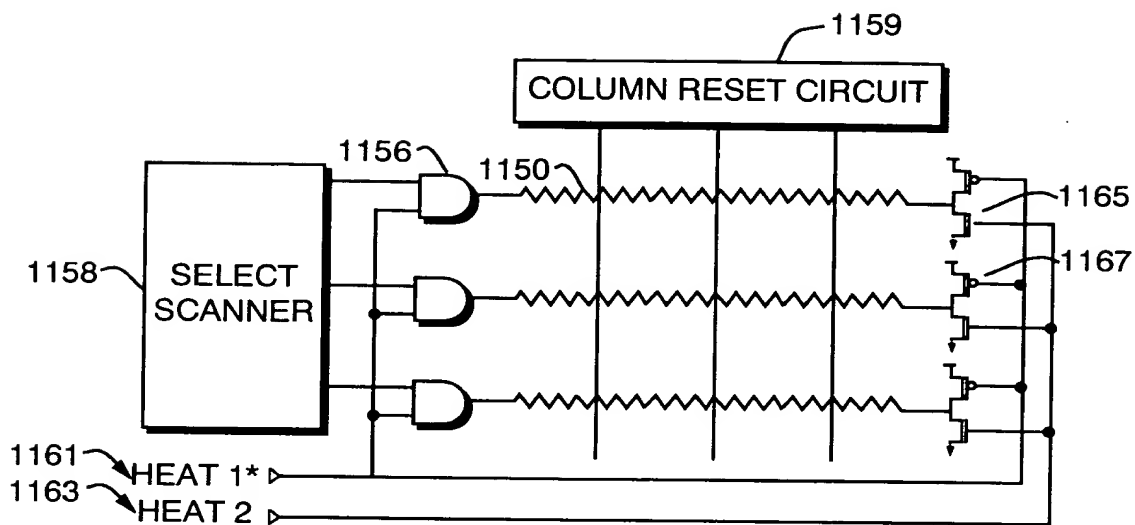


FIG. 15D

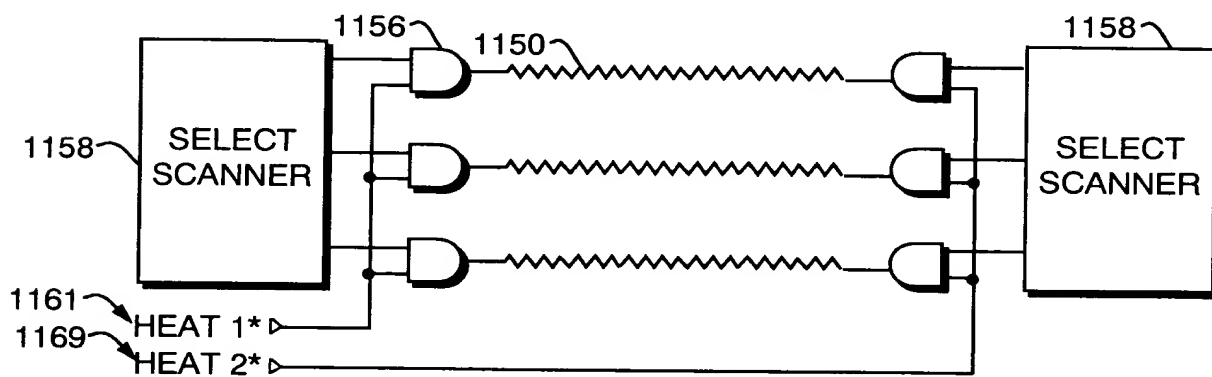


FIG. 15E

660750-5476020

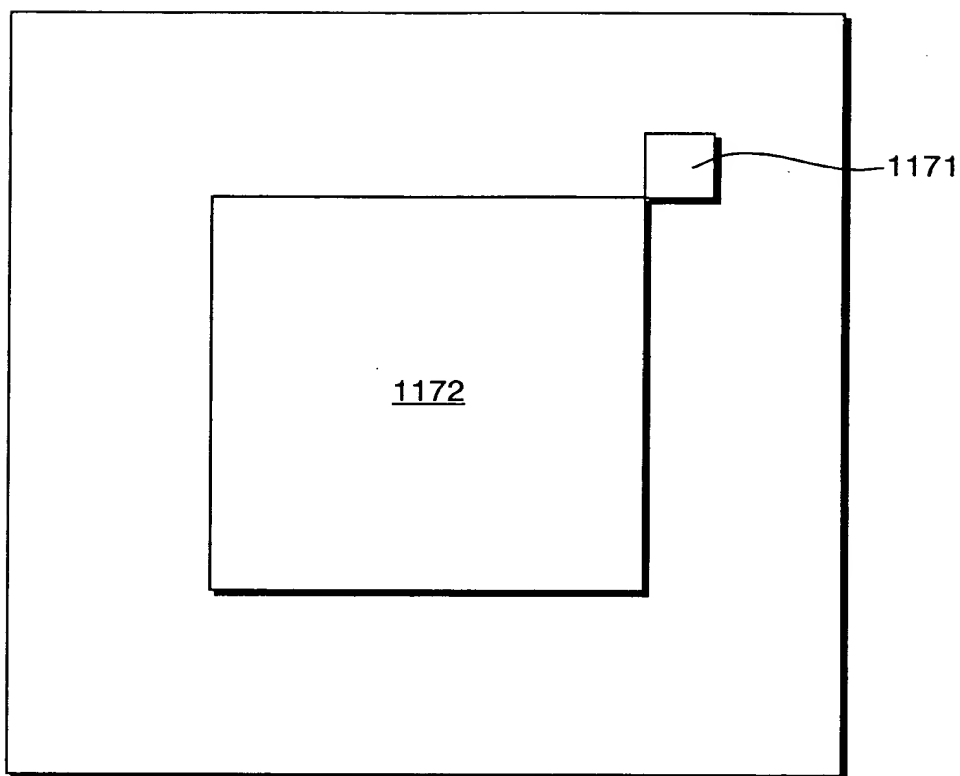


FIG. 15F



660750-59760260

1178

1175

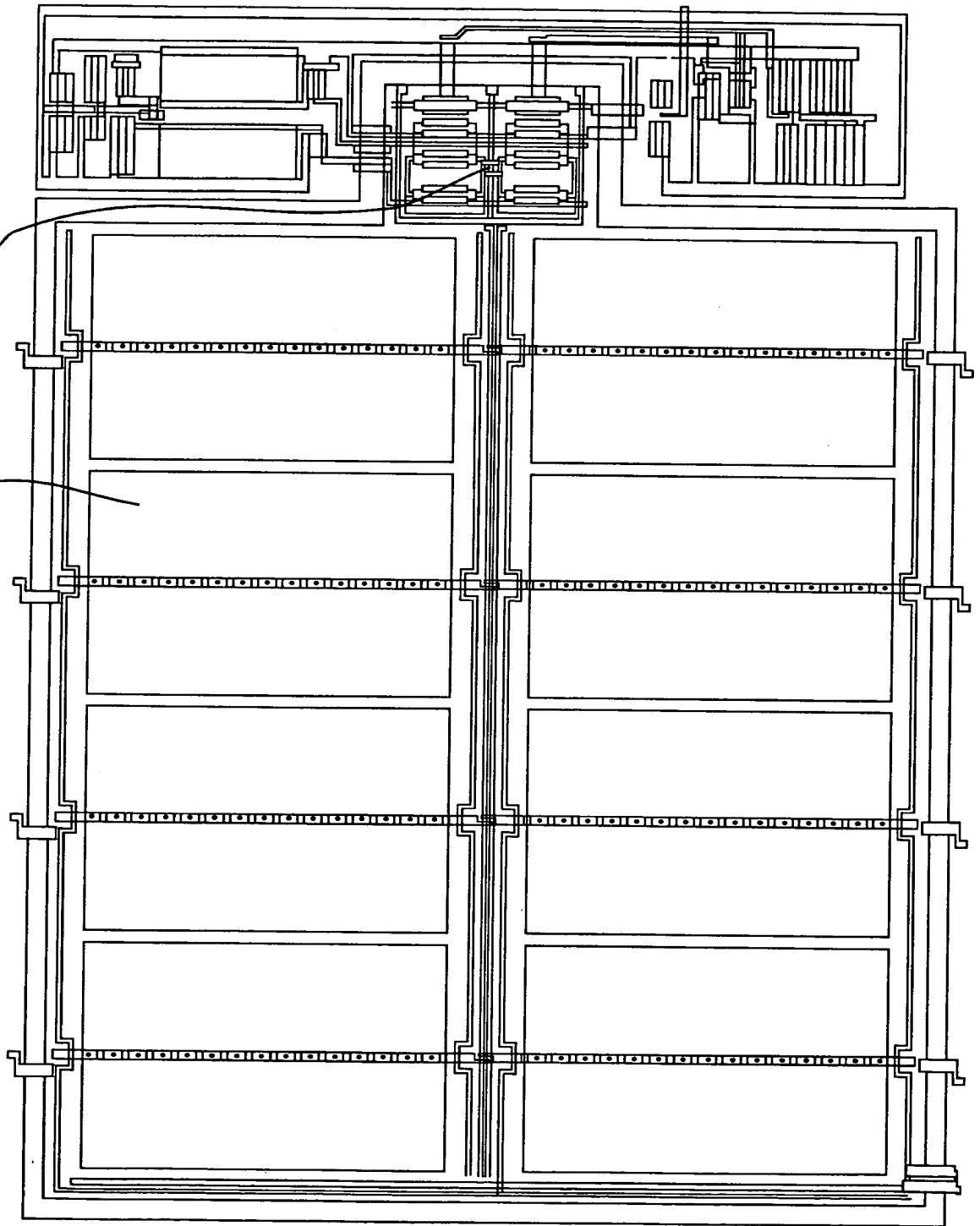


FIG. 15G



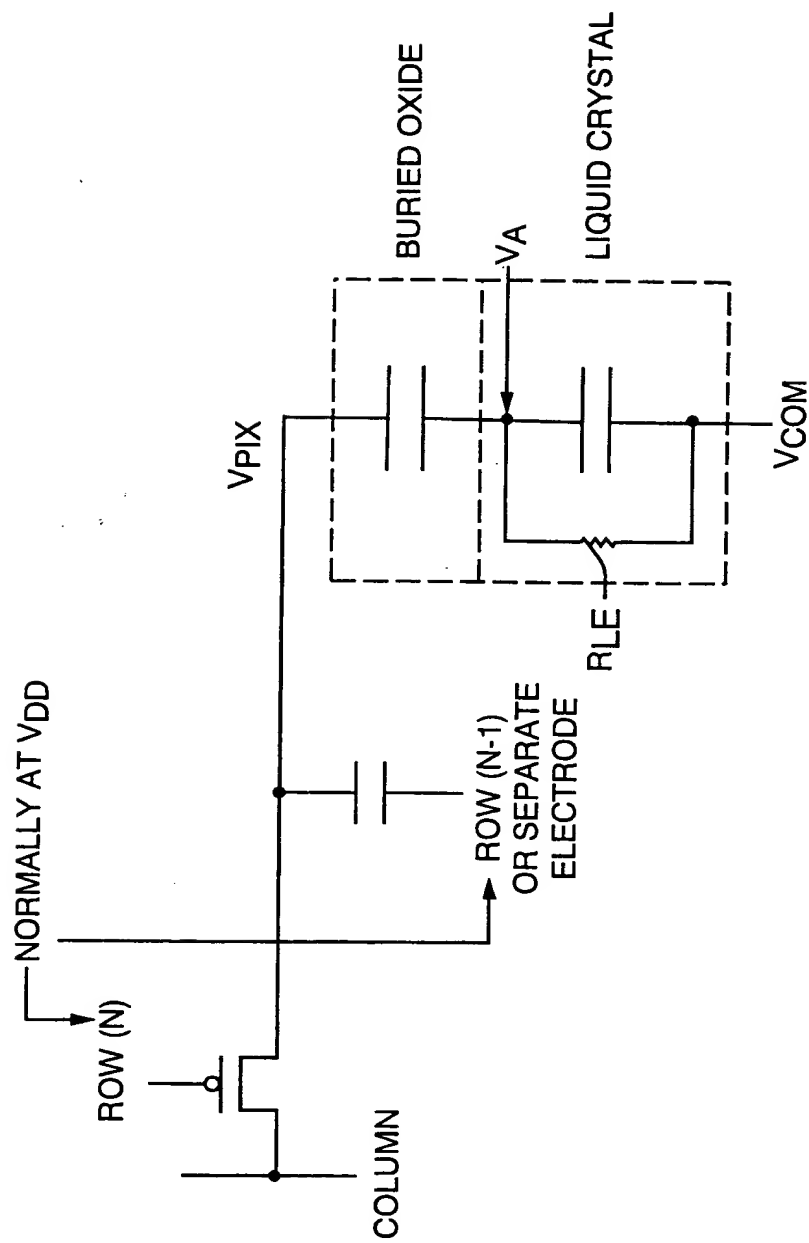
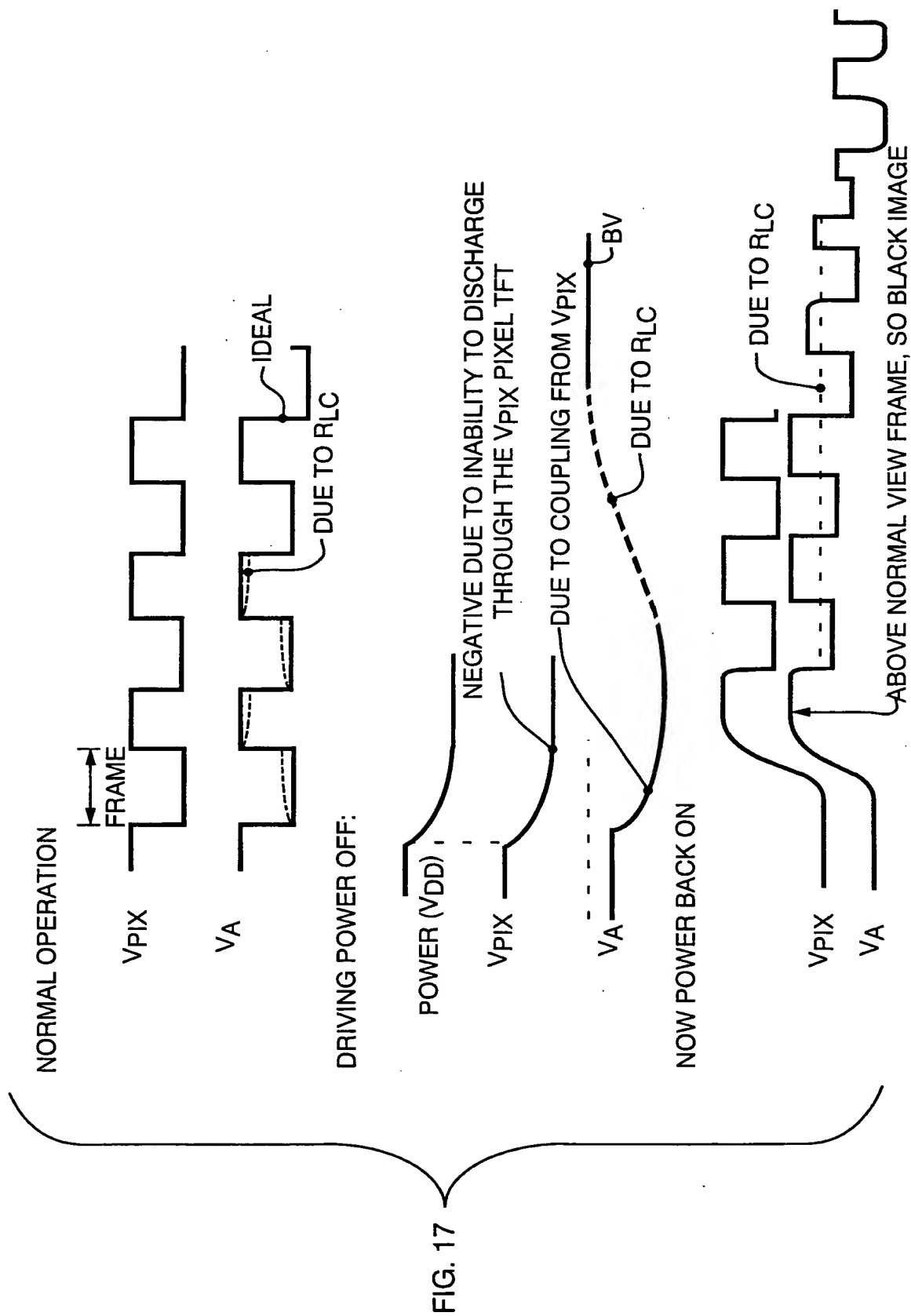


FIG. 16



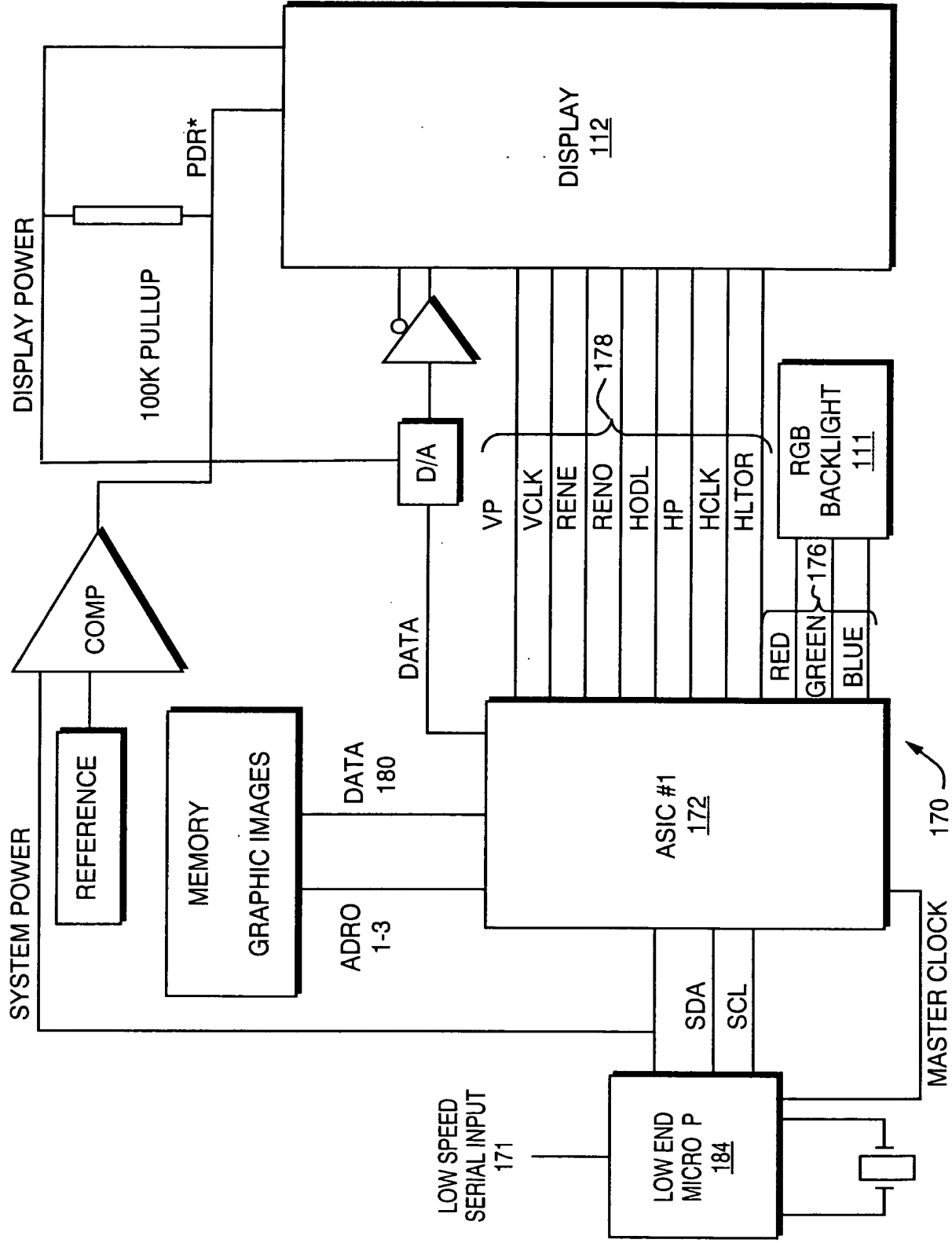


FIG. 18



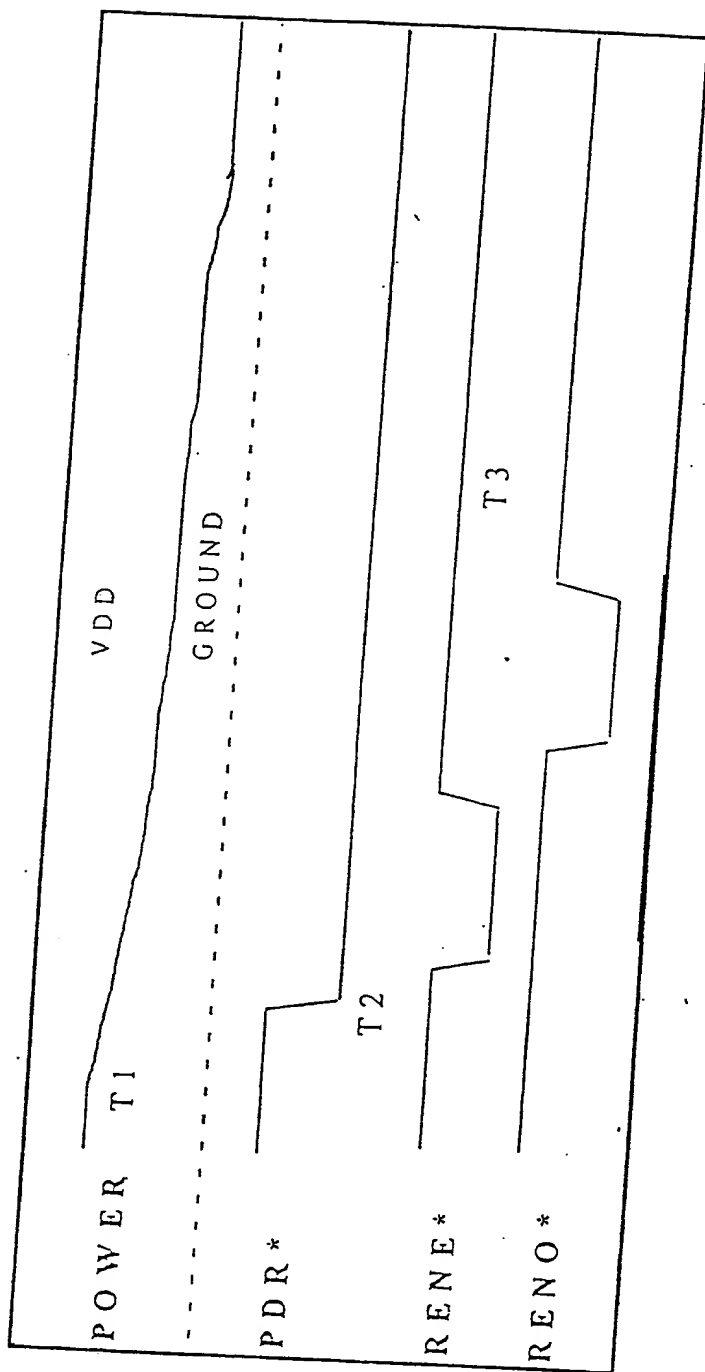


FIG. 19A

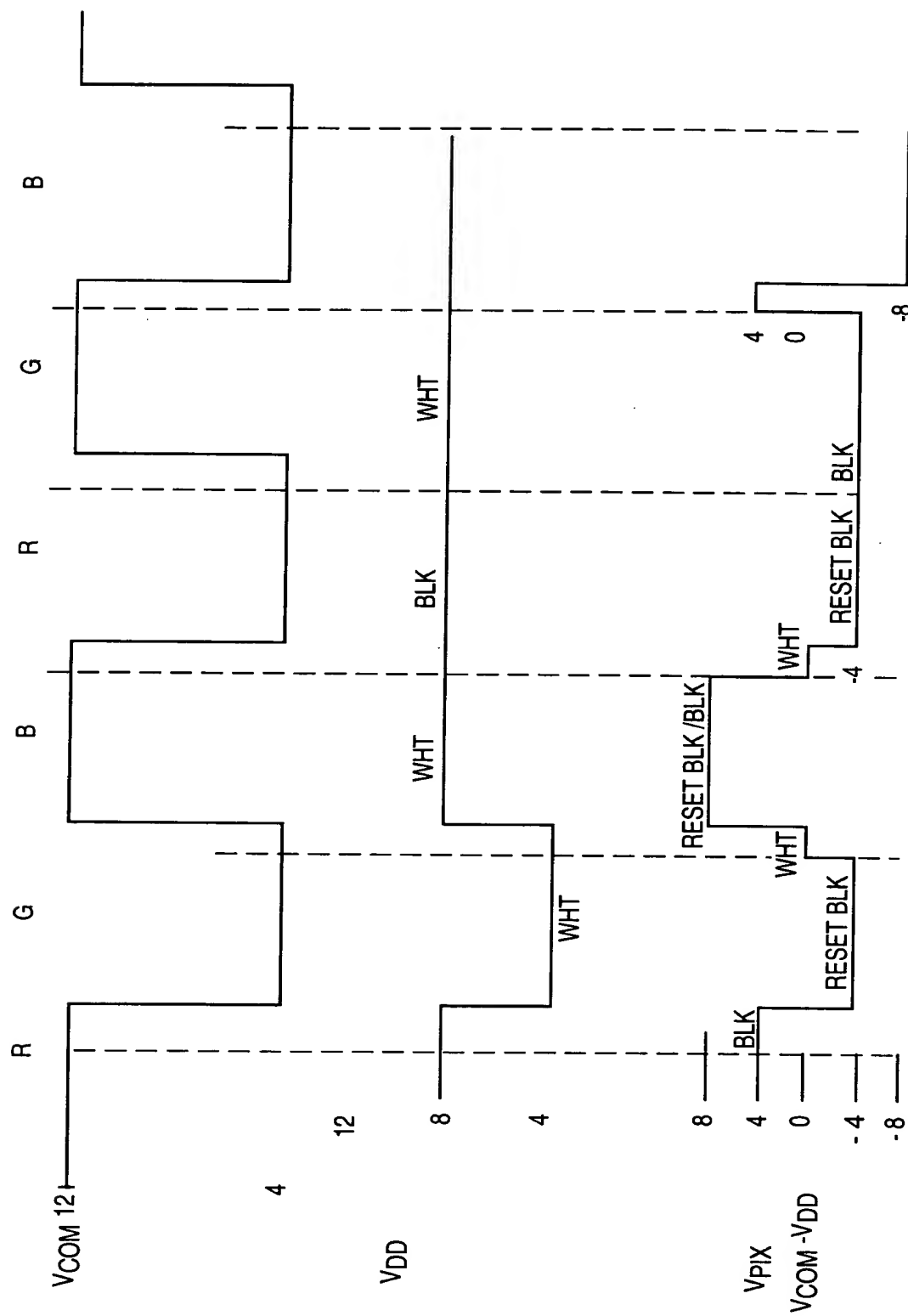
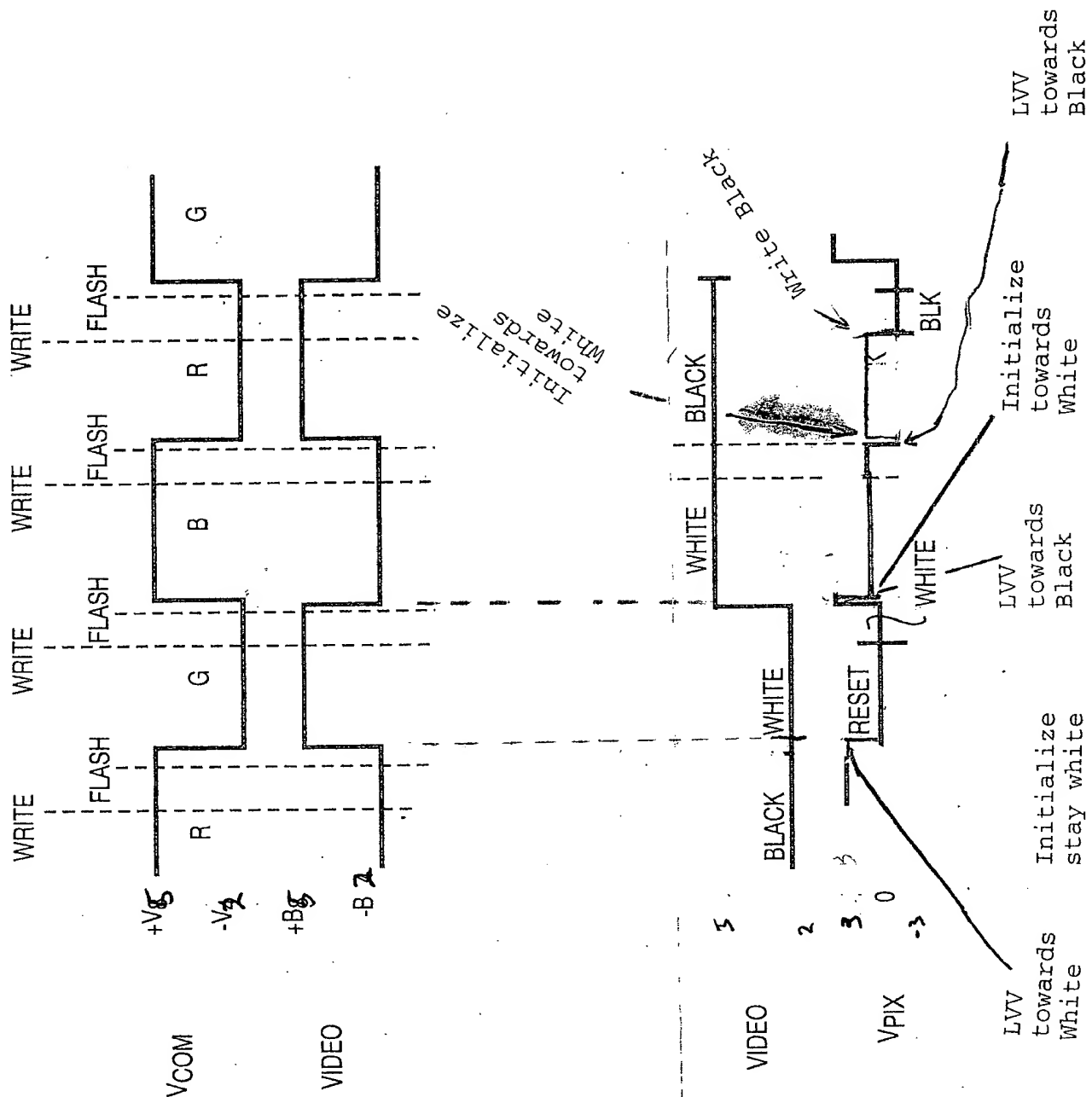


FIG. 19B



F2819C

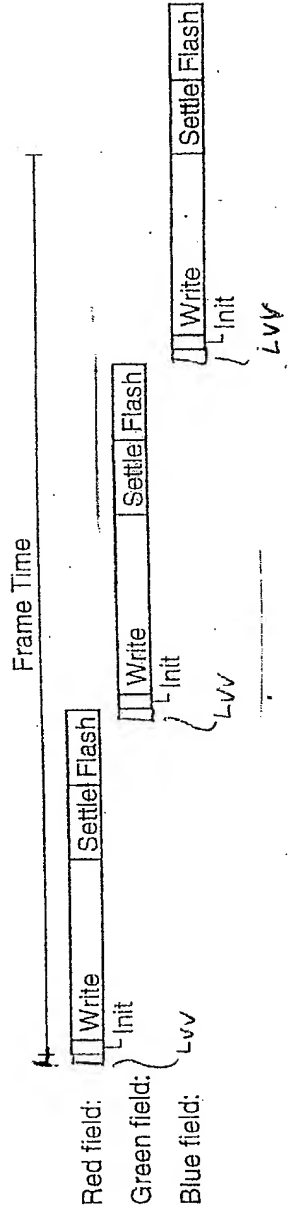


FIG 19D

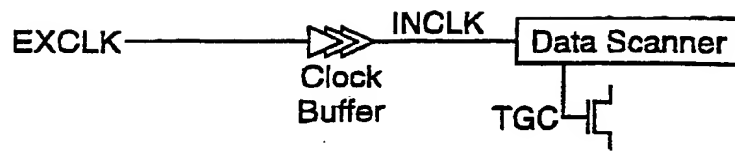


FIG. 20A

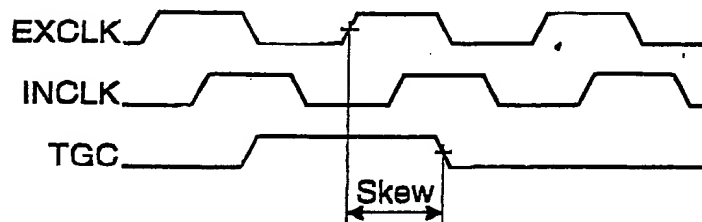


FIG. 20B

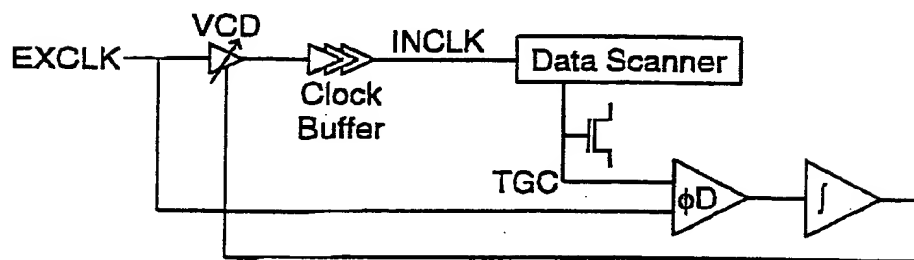


FIG. 20C

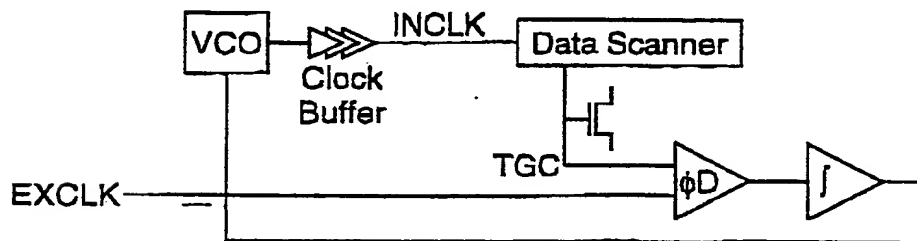


FIG. 20D

660750:59T60E60

The diagram illustrates the architecture of a 1280x1024 pixel array system. The central component is the **Pixel Array**, which is a 1280 x 1024 grid of pixels. A **Test Array** is indicated by a dashed box on the left side of the pixel array. The system is controlled by several inputs: **RAMPEVEN**, **DCLK**, **VIDEO** (64-bit), **GCLK**, **RAMPODD**, **ACLK**, and **ADDRESS**. The **VIDEO** input is split into two 32-bit buses. The **Pixel Array** is connected to a **Shift Register**, **Line Buffer**, **LFSR**, and **Transmission Gates** at the top and bottom. The top block outputs a 640-bit signal to the **Pixel Array**. The bottom block outputs a 640-bit signal to the **Pixel Array**. The **Pixel Array** is also connected to a **Decoder** and **Row Drivers** (1024) and a **SIPO** block (10-bit).

FIG. 20E

660T50-55F60E60

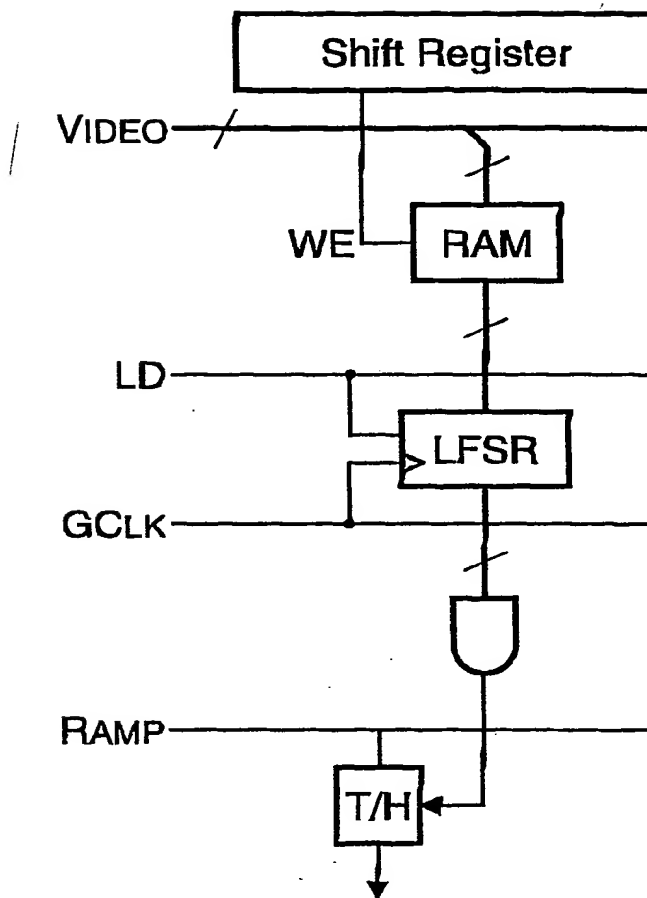


FIG. 20F

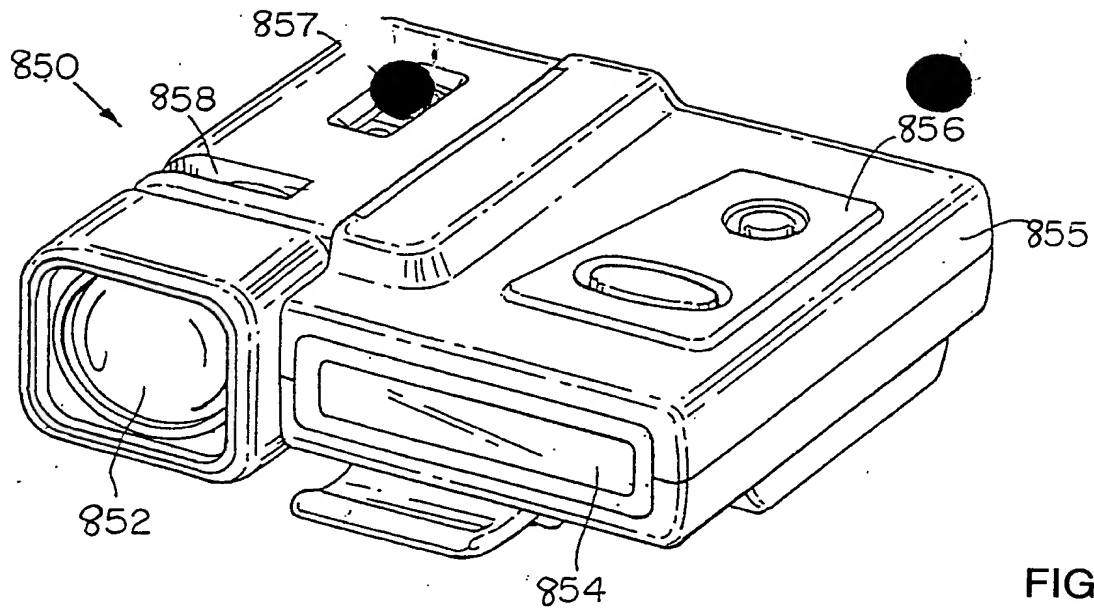


FIG. 21A

FIG. 21C

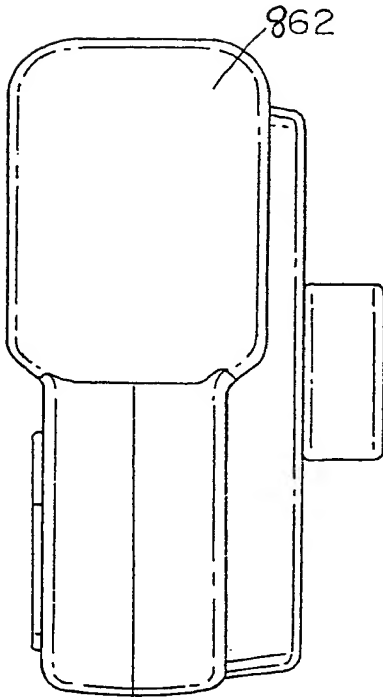
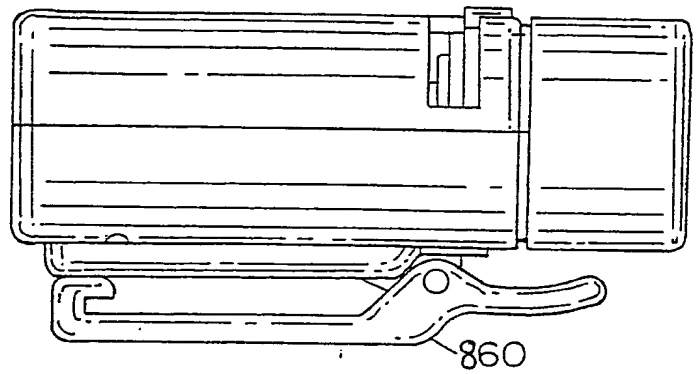


FIG. 21B

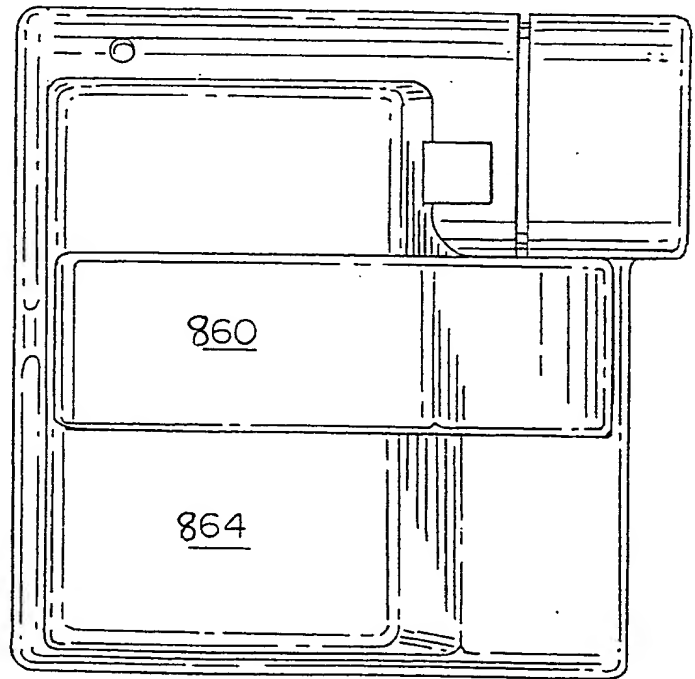


FIG. 21D



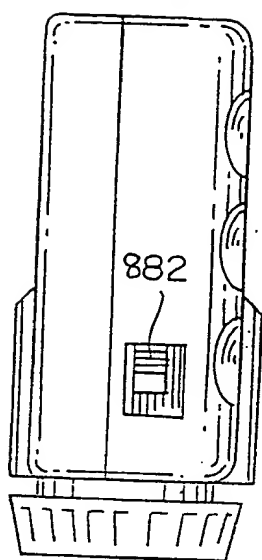


FIG. 21G

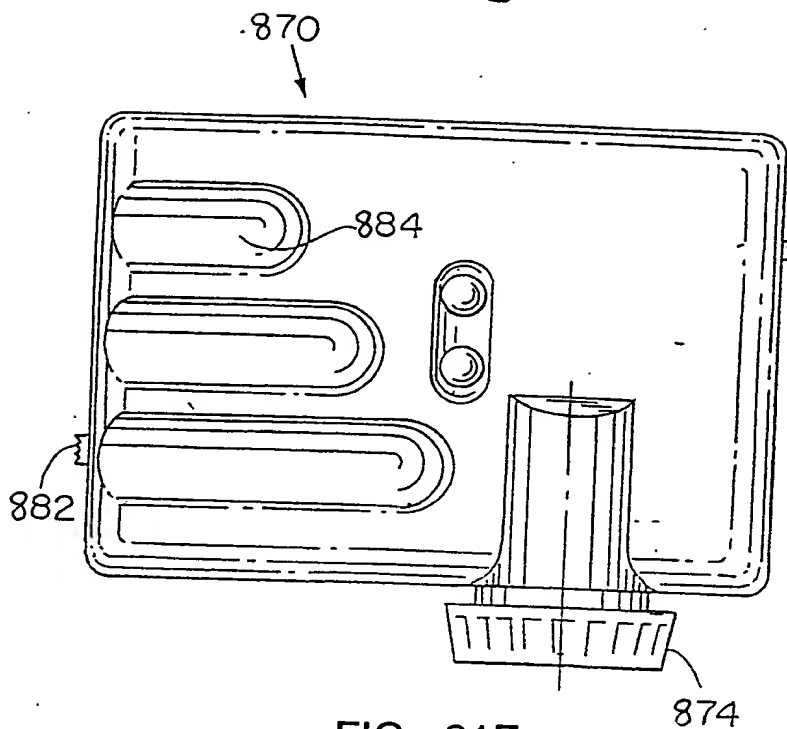


FIG. 21F

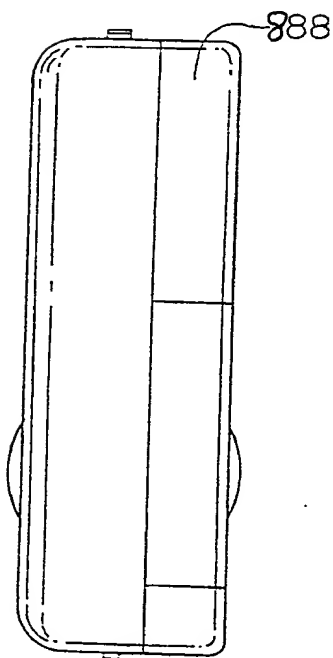


FIG. 21H

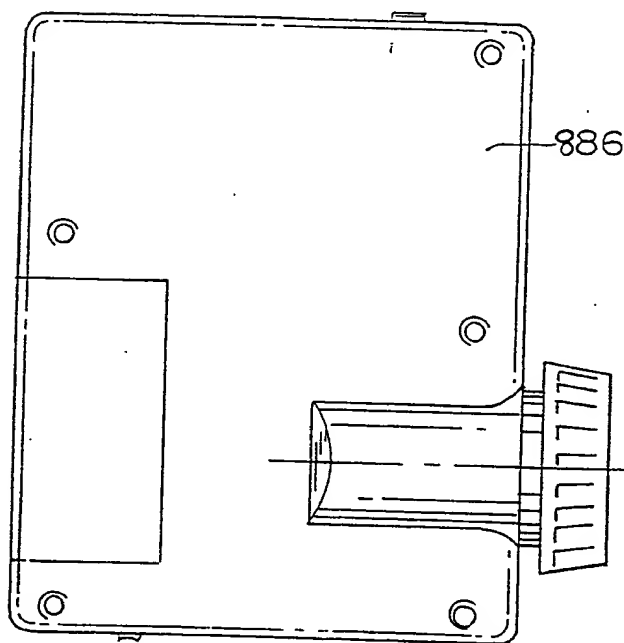


FIG. 21I

FIG. 21J

890

892

891

FIG. 21K

896

895

894

893

65050-5516000

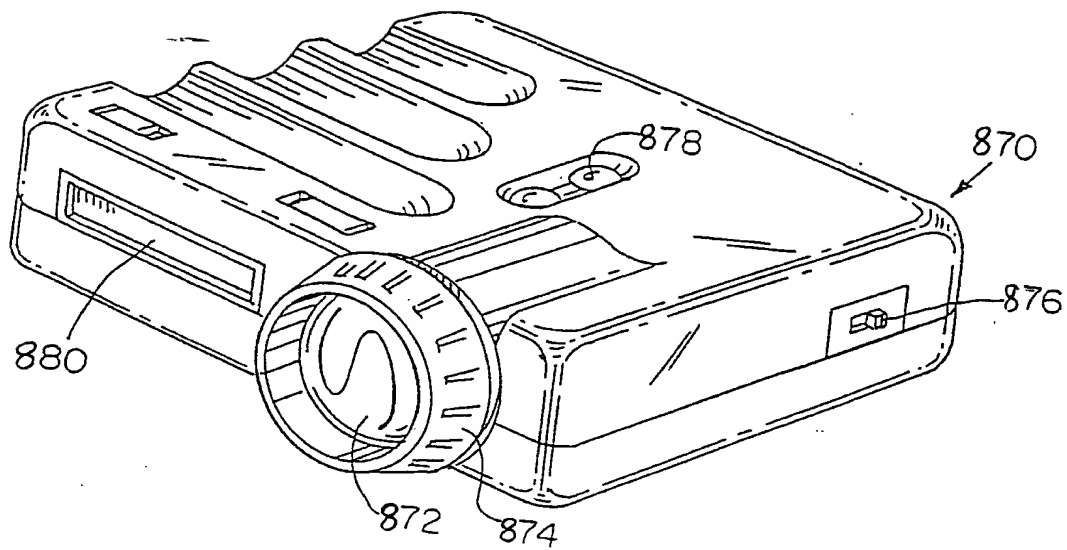


FIG. 21E

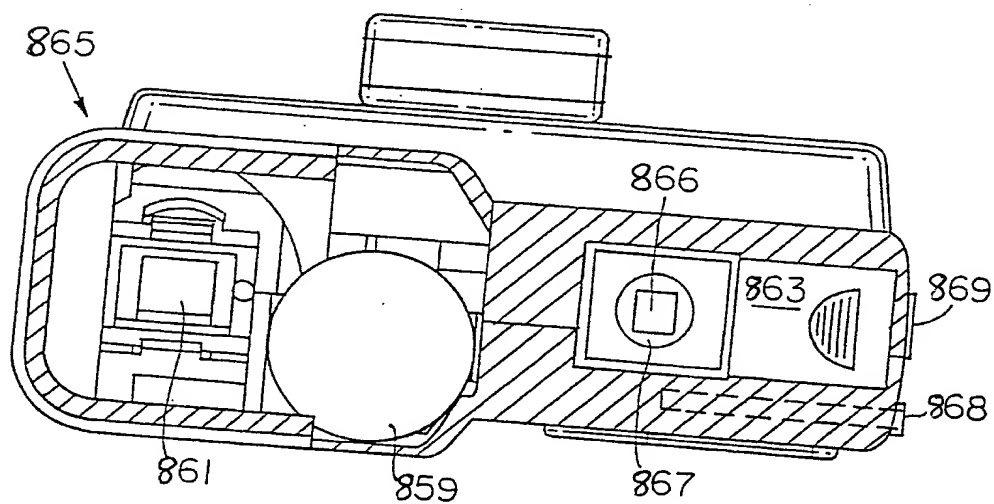


FIG. 22

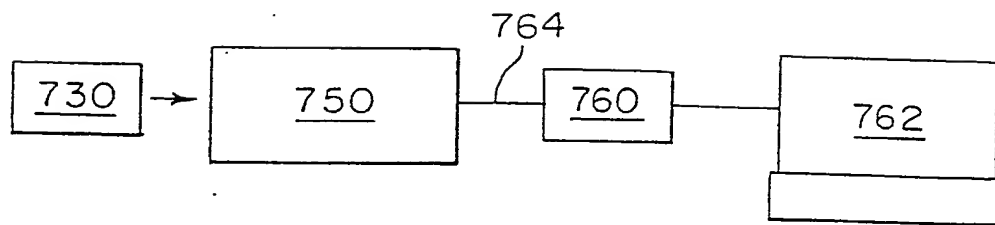


FIG. 23A

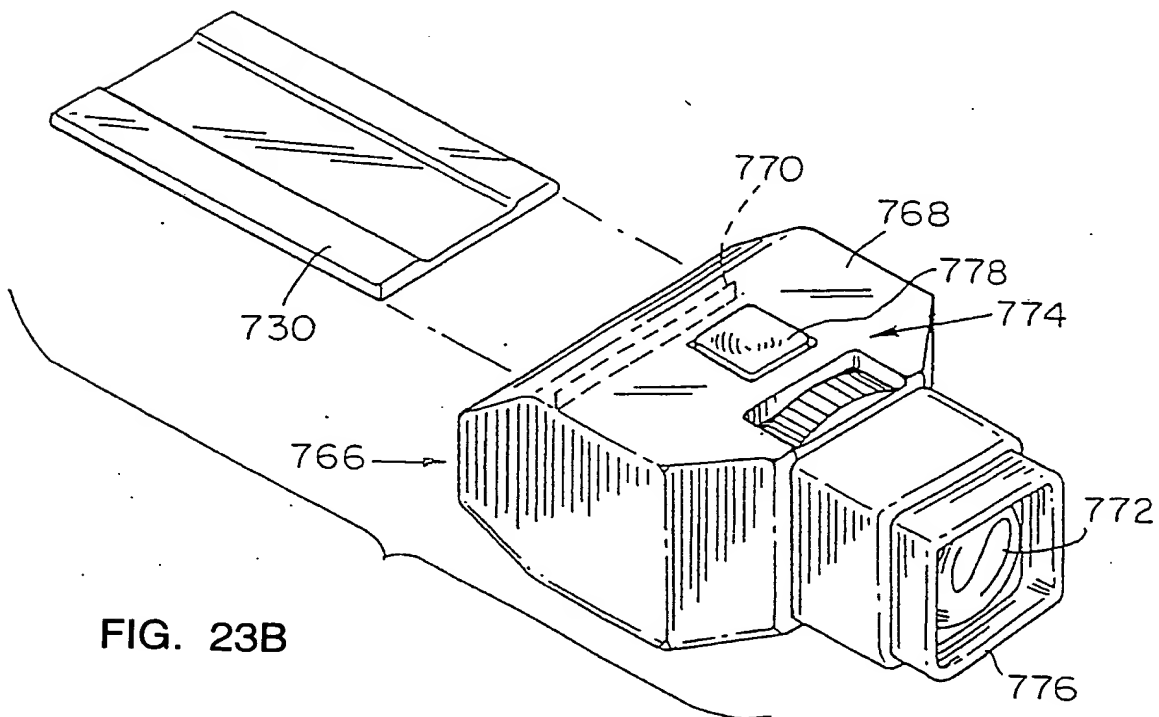


FIG. 23B

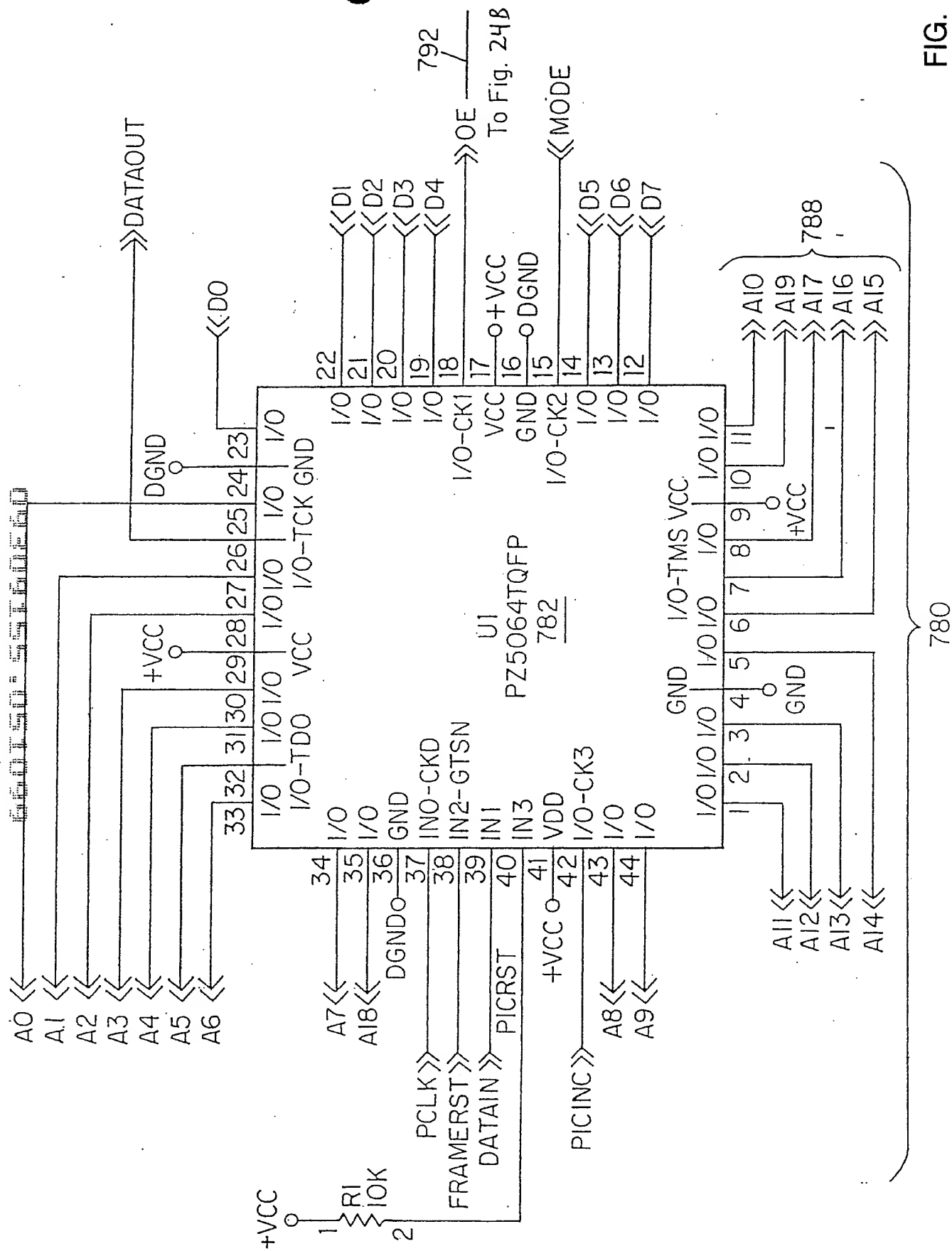


FIG. 24A

660750-516060

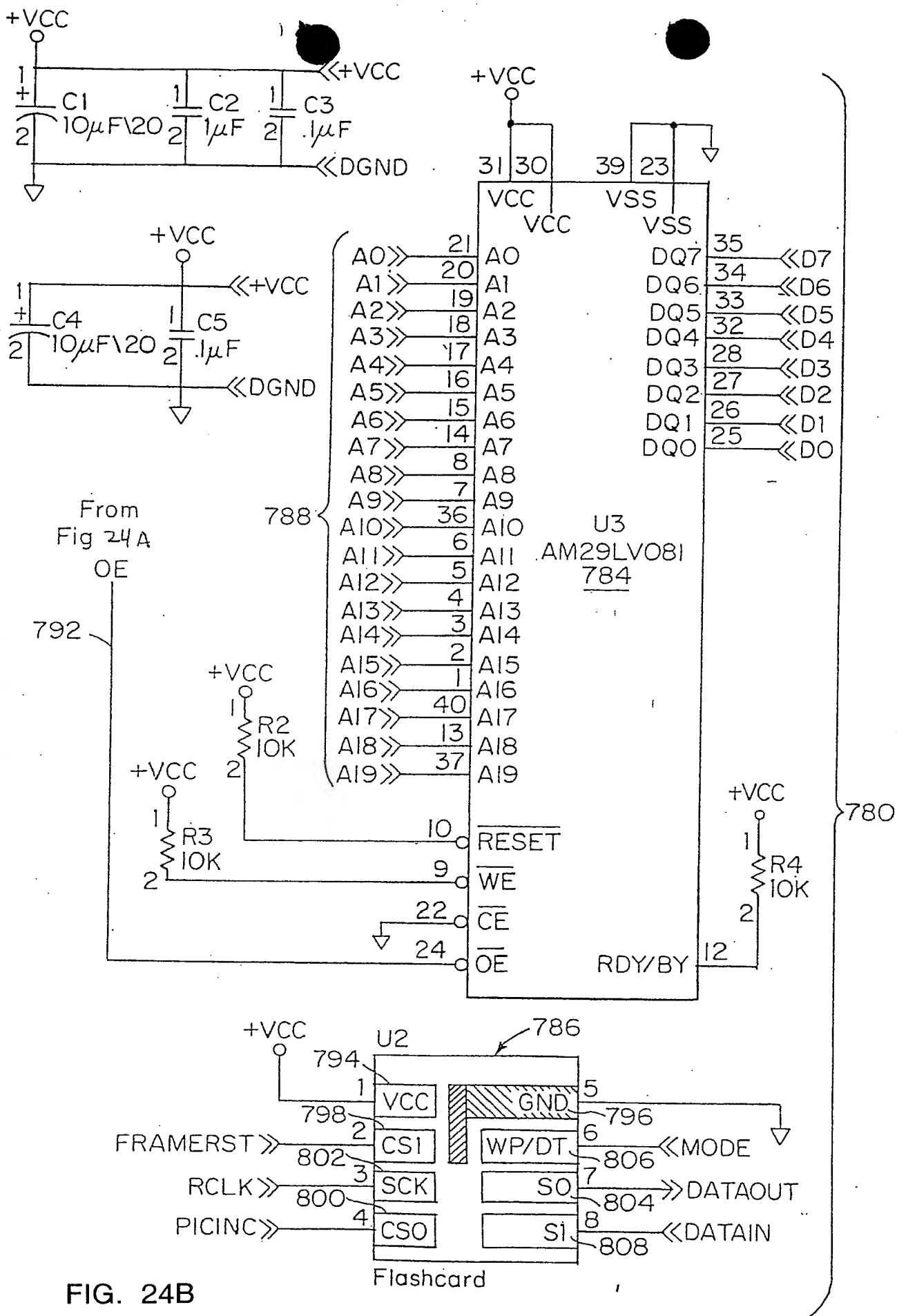


FIG. 24B

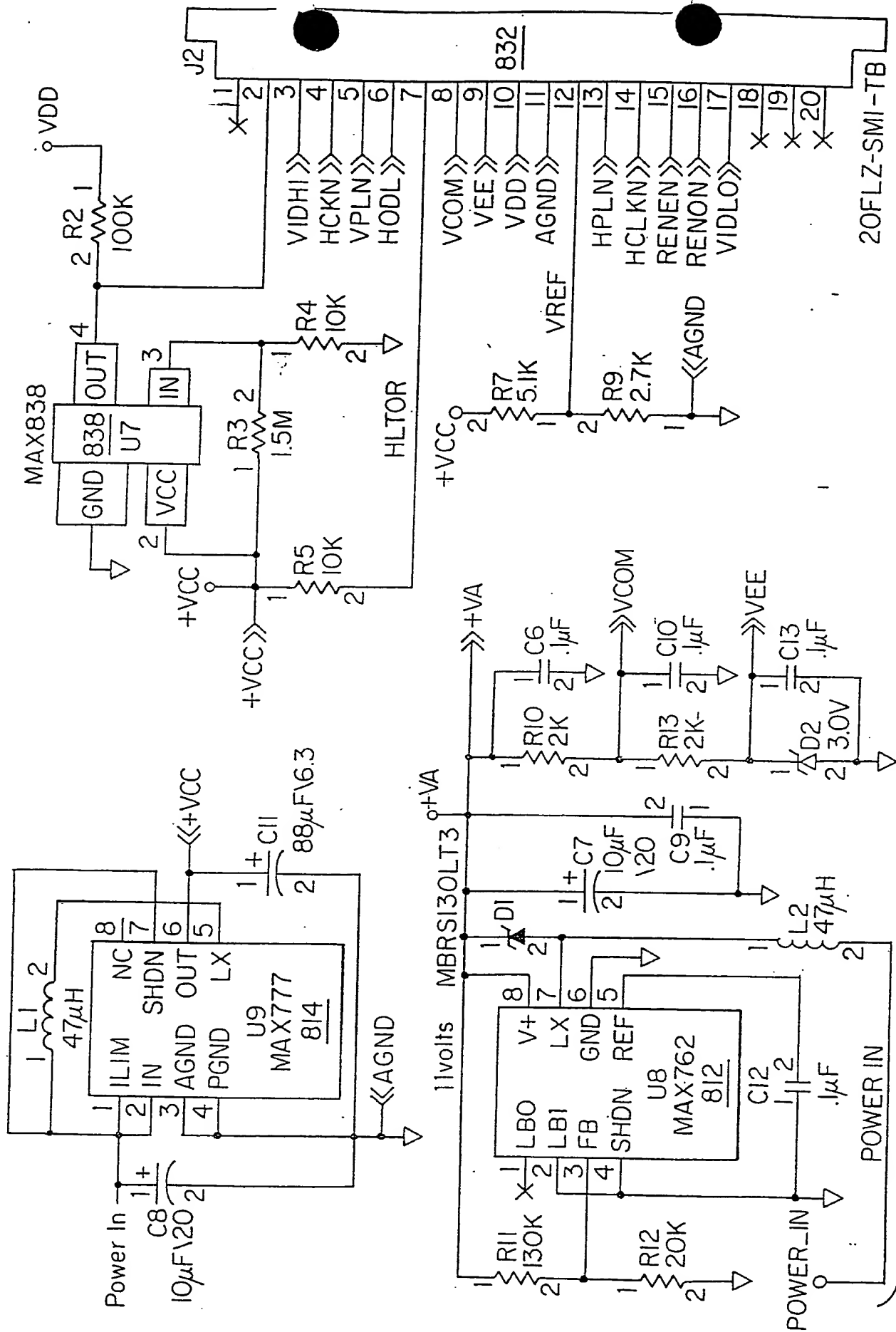


FIG. 25A

000150 55160260

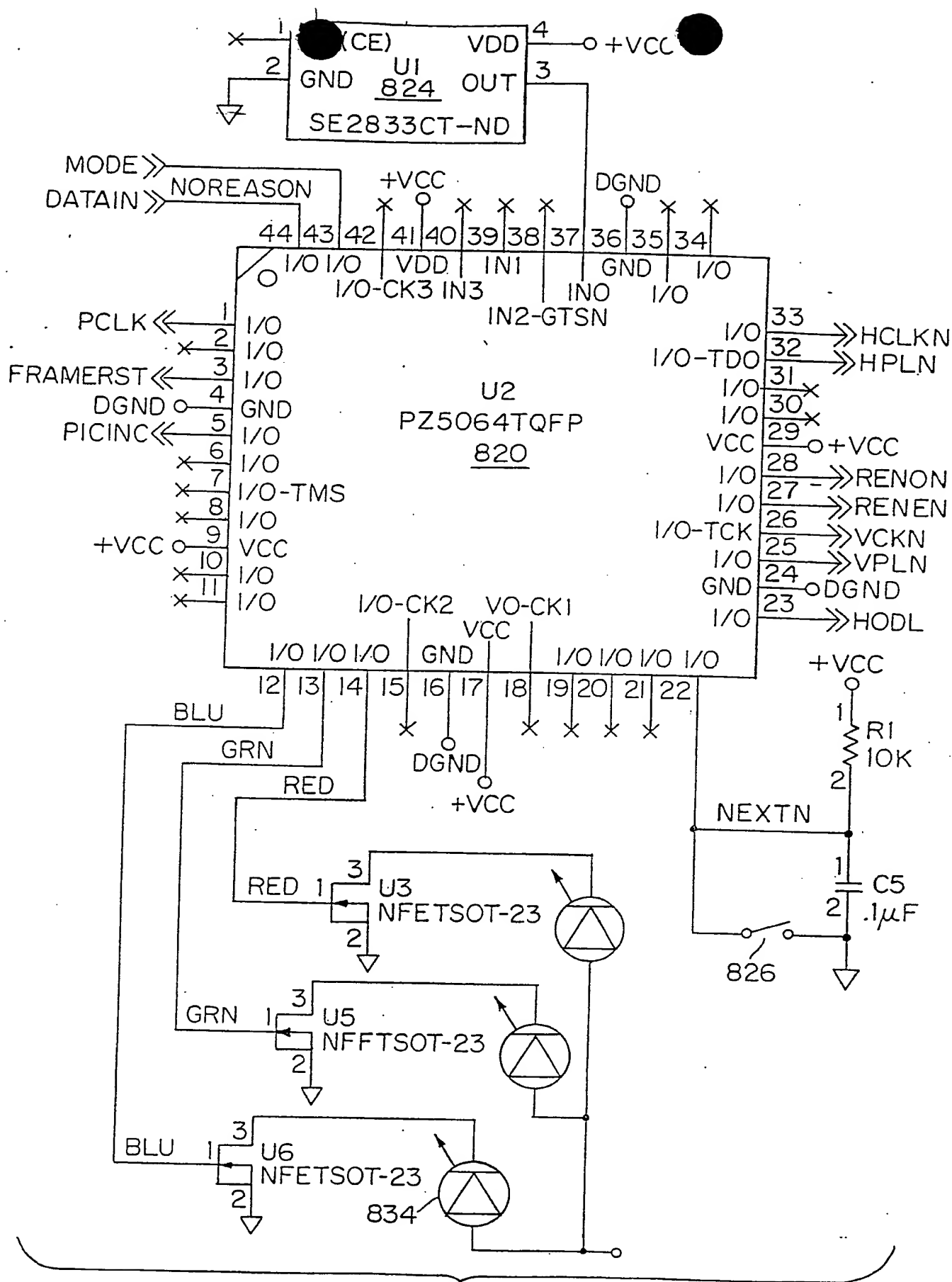


FIG. 25B



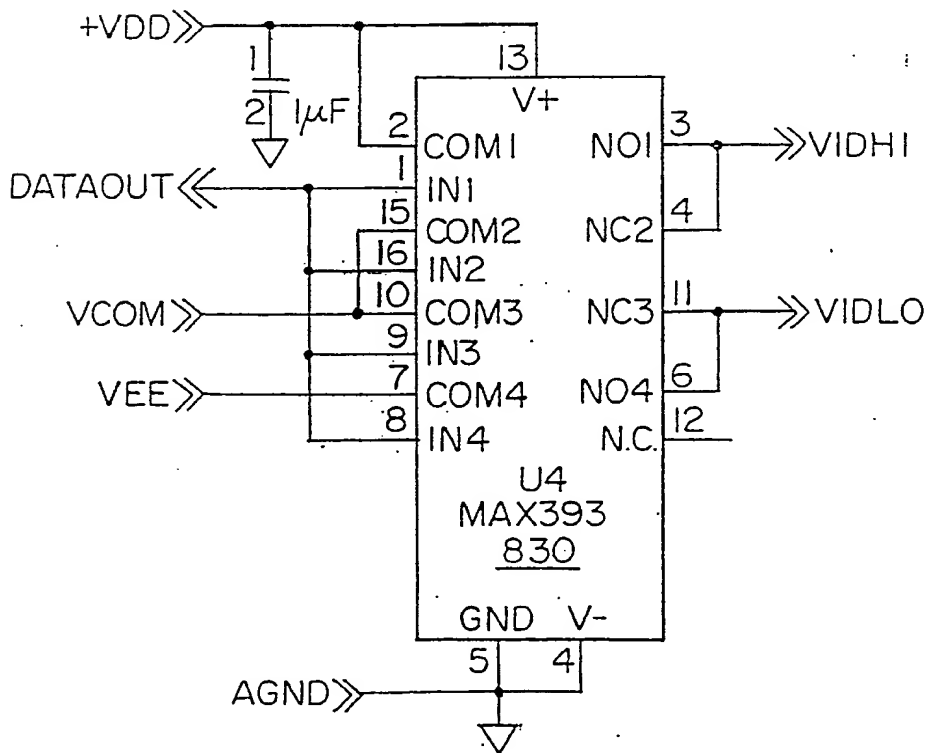
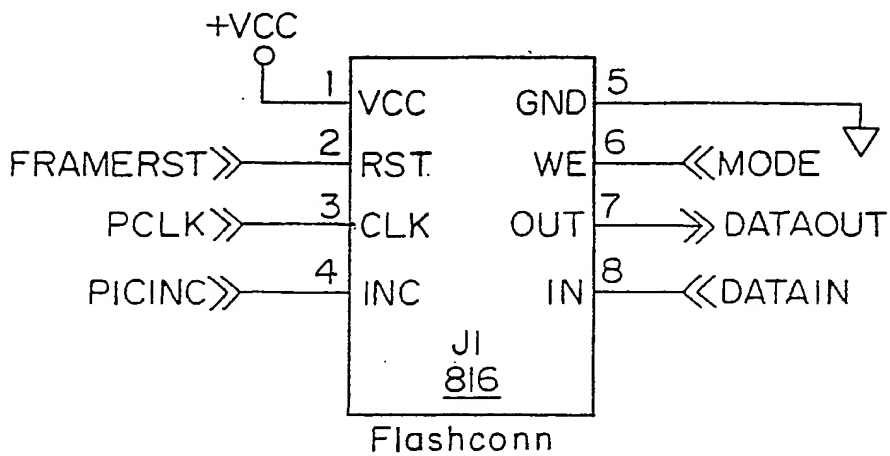
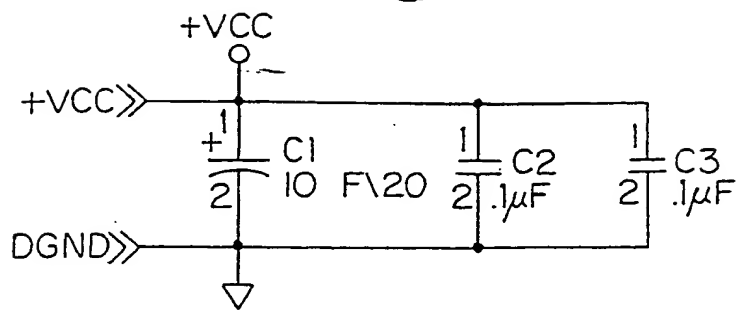


FIG. 25C

660790-99160E60

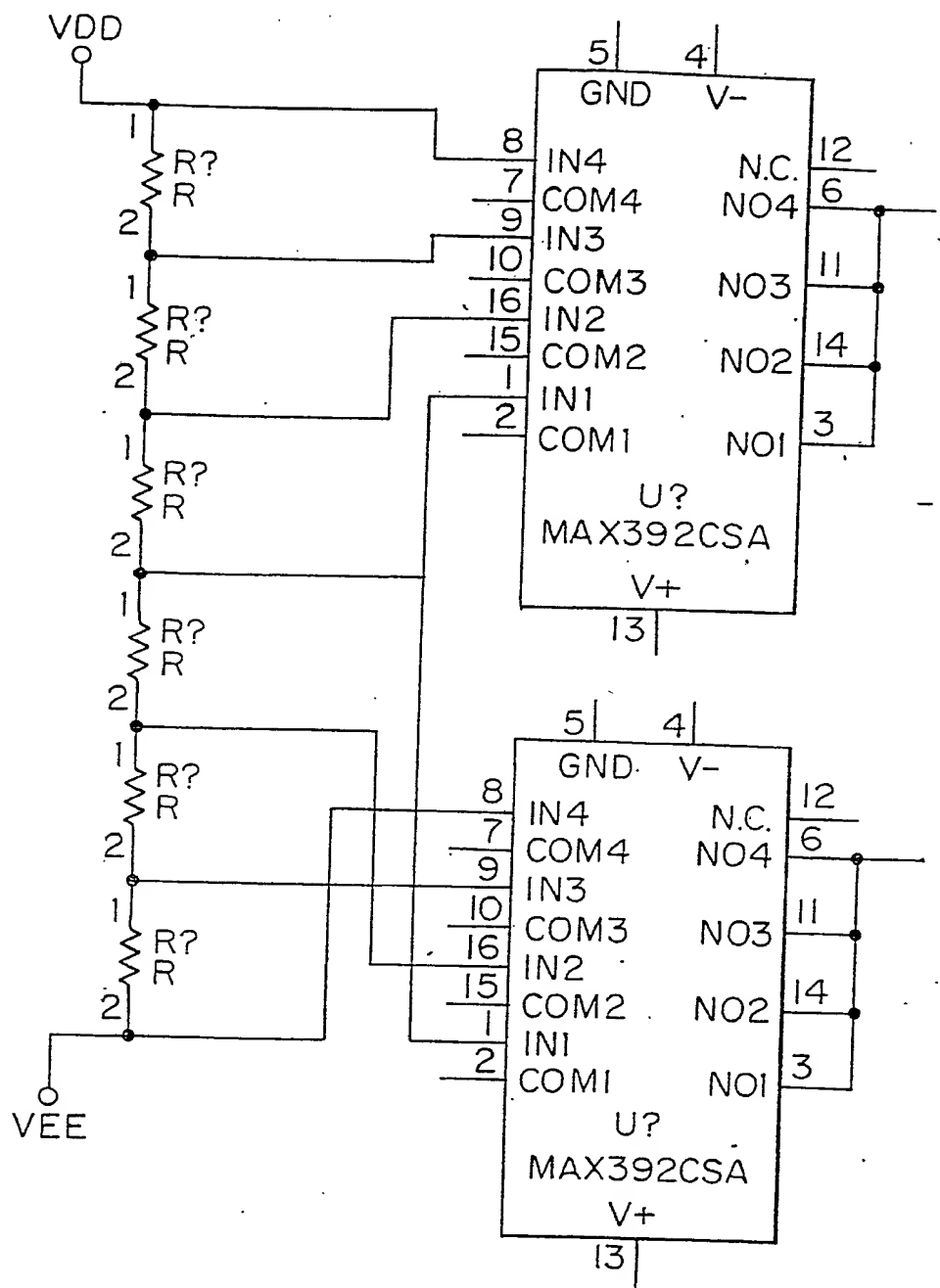


FIG. 26

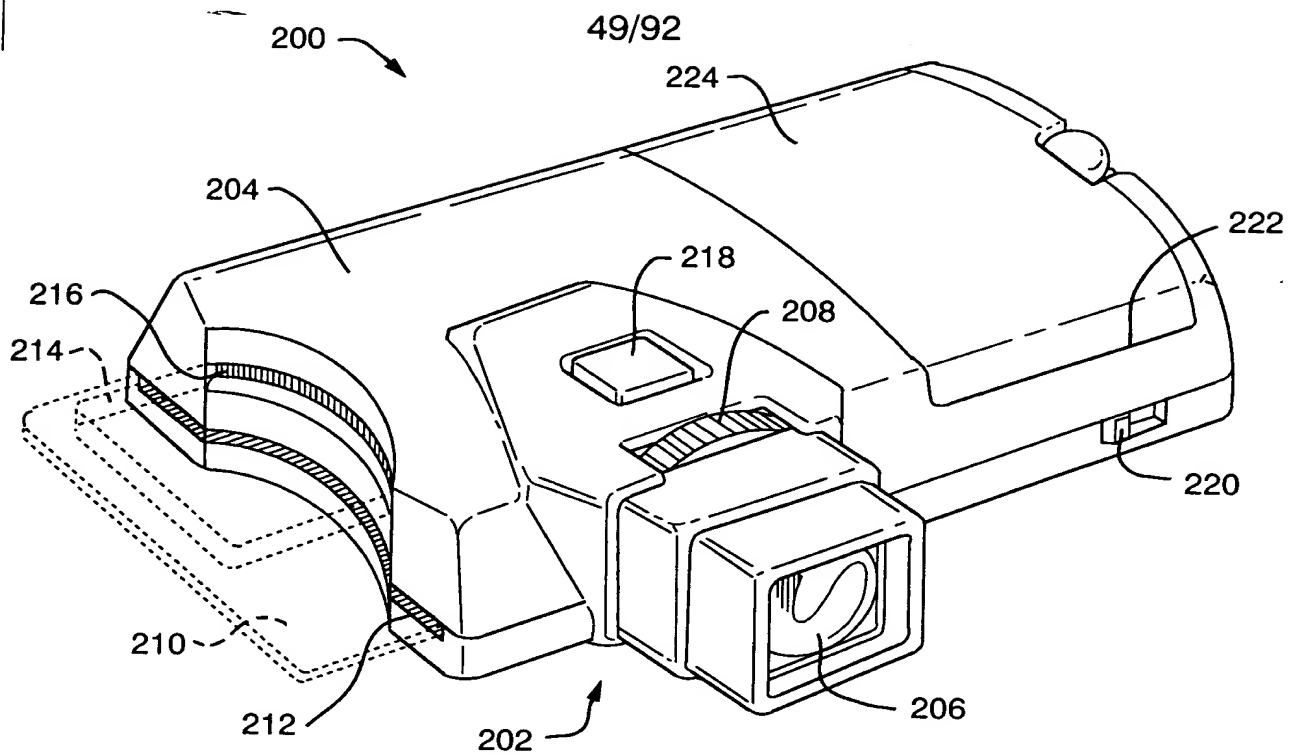


FIG. 27A

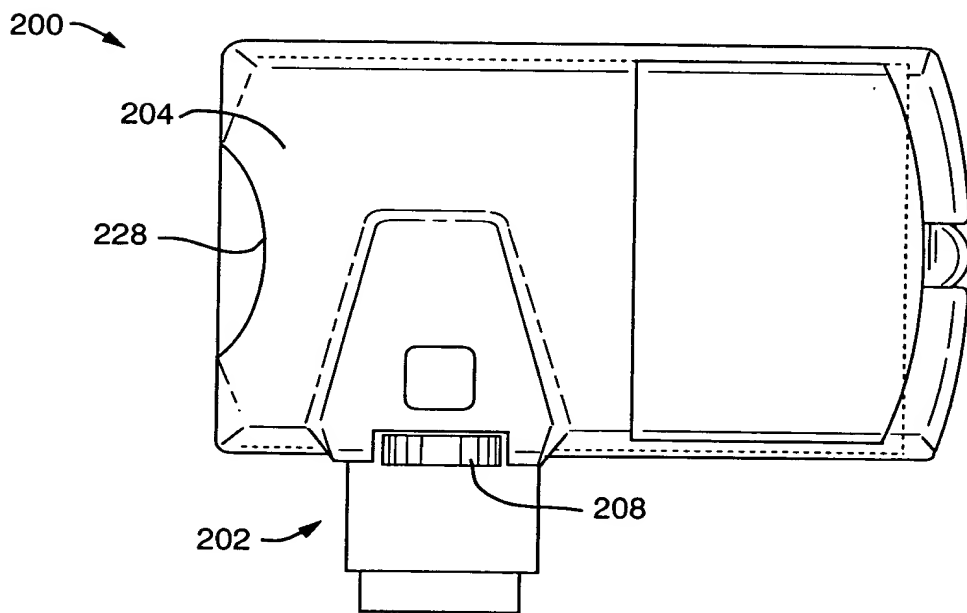


FIG. 27B

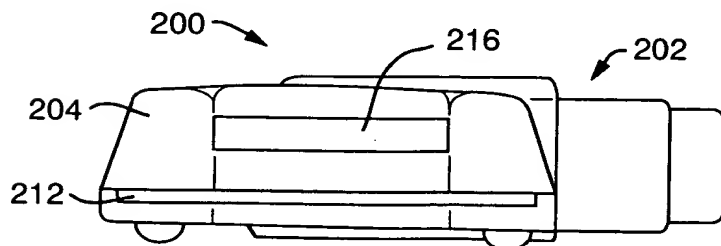


FIG. 27C



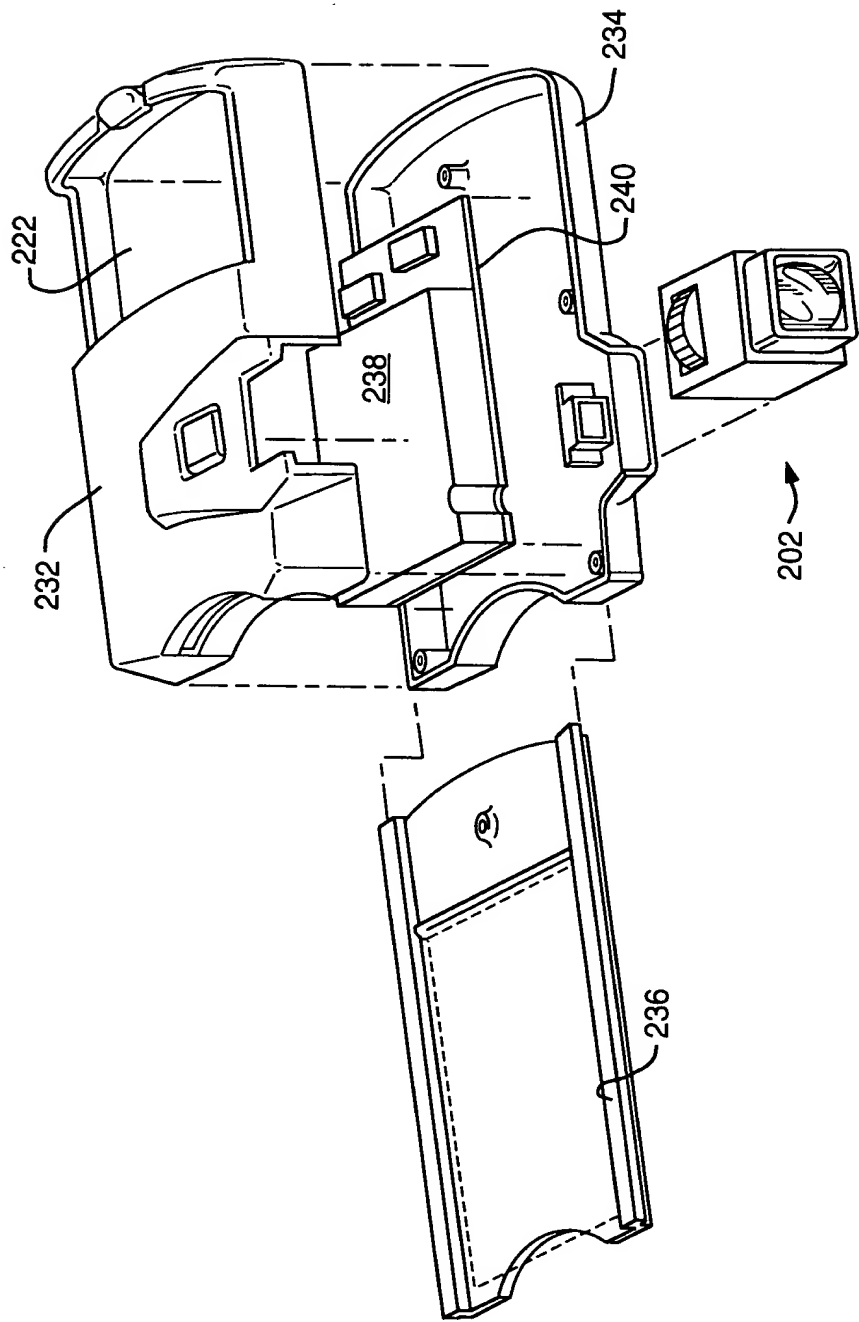


FIG. 27D

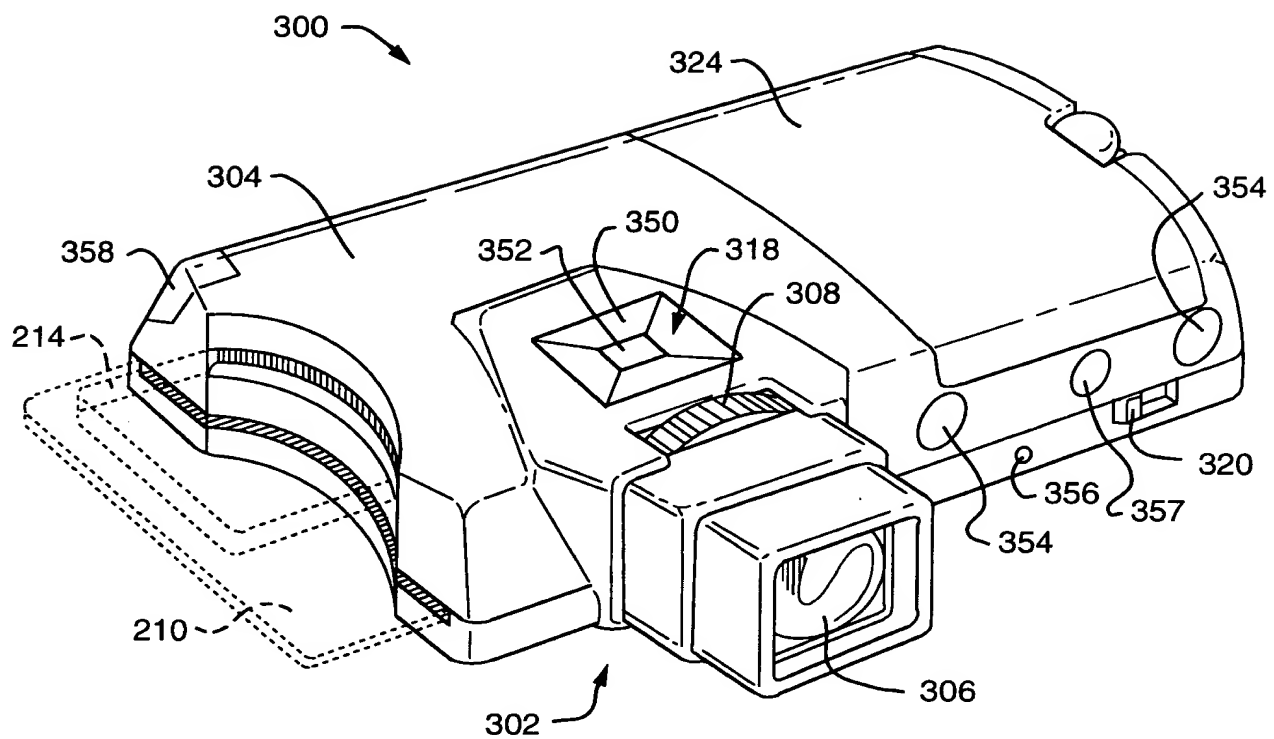


FIG. 28A

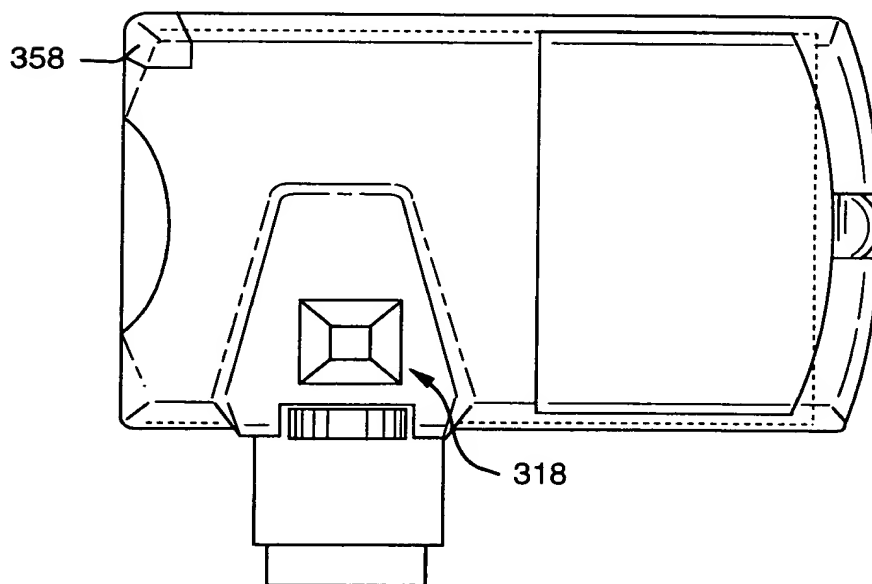


FIG. 28B

660F90-99T60E60

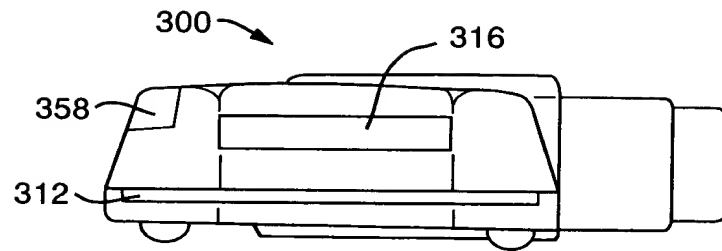


FIG. 28C

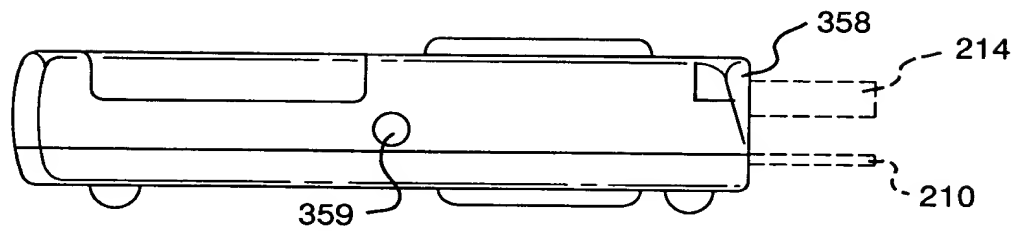


FIG. 28D

660150-55160800

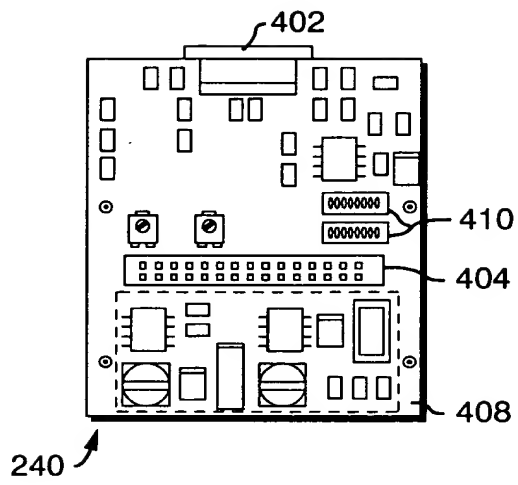


FIG. 29Aa

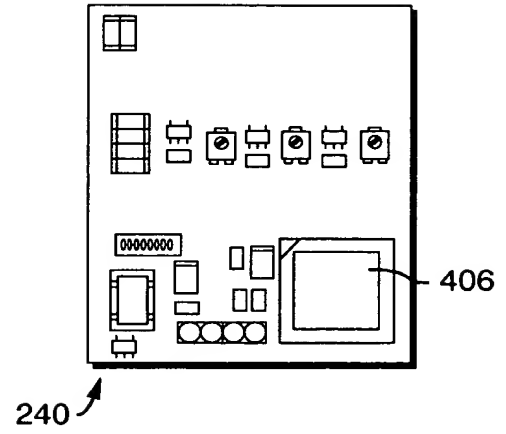


FIG. 29Ab

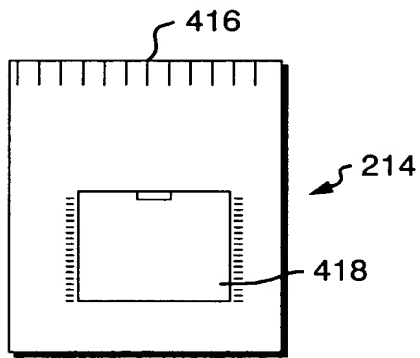


FIG. 29Ba

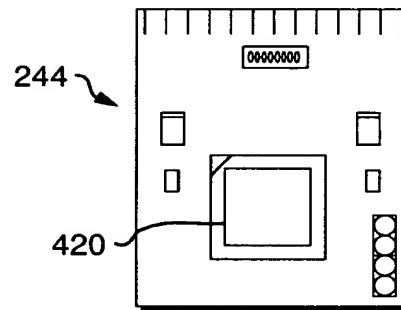
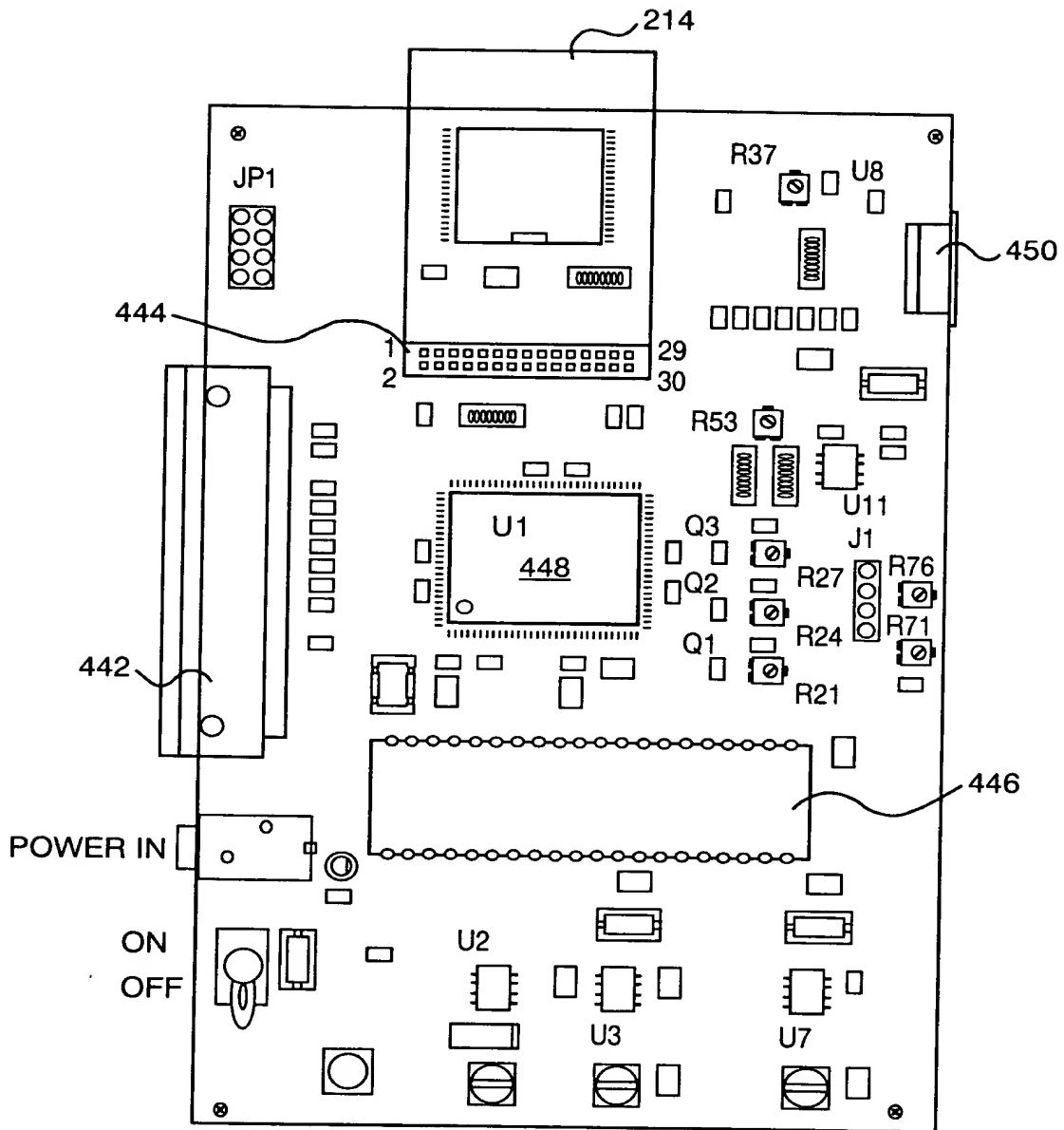


FIG. 29Bb

660750-9160260



NEXT PICTURE

440

FIG. 29C



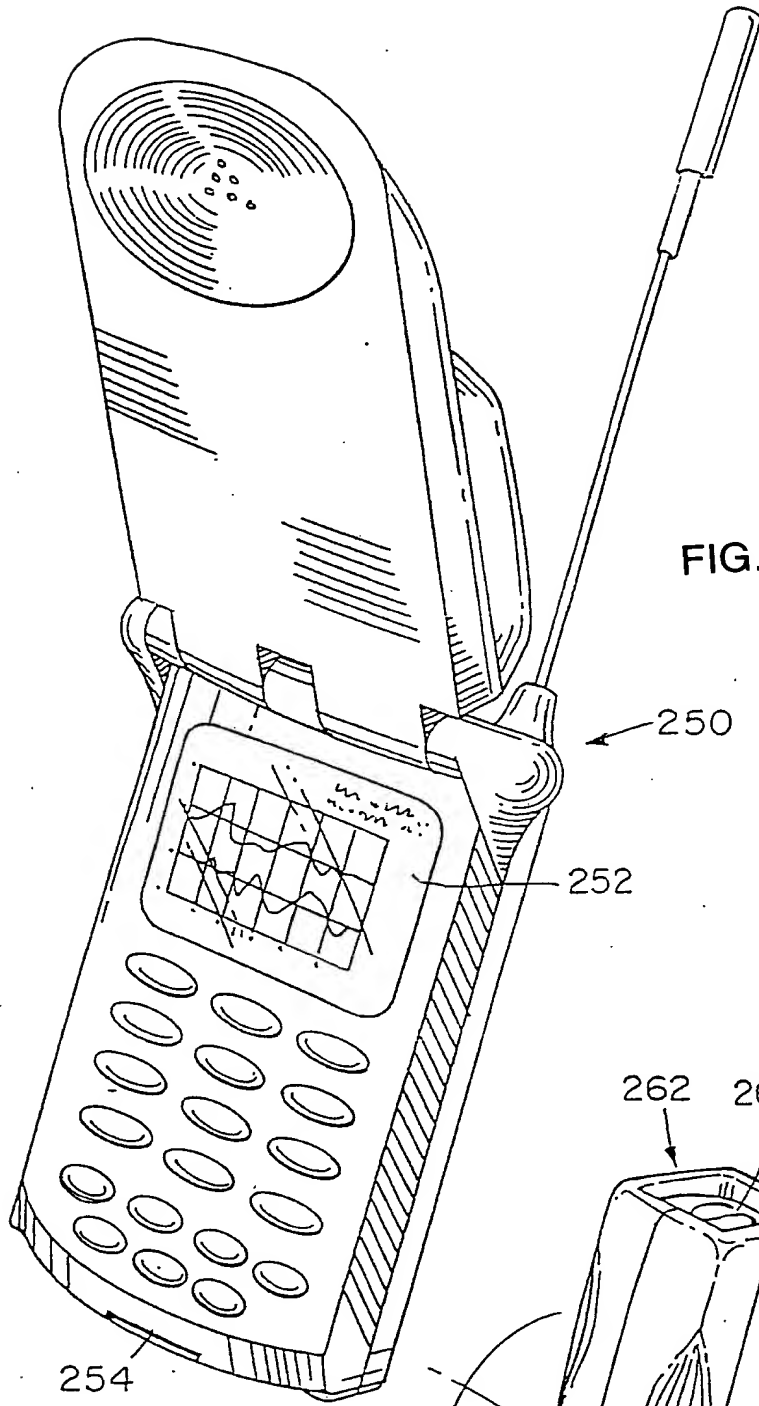


FIG. 30A

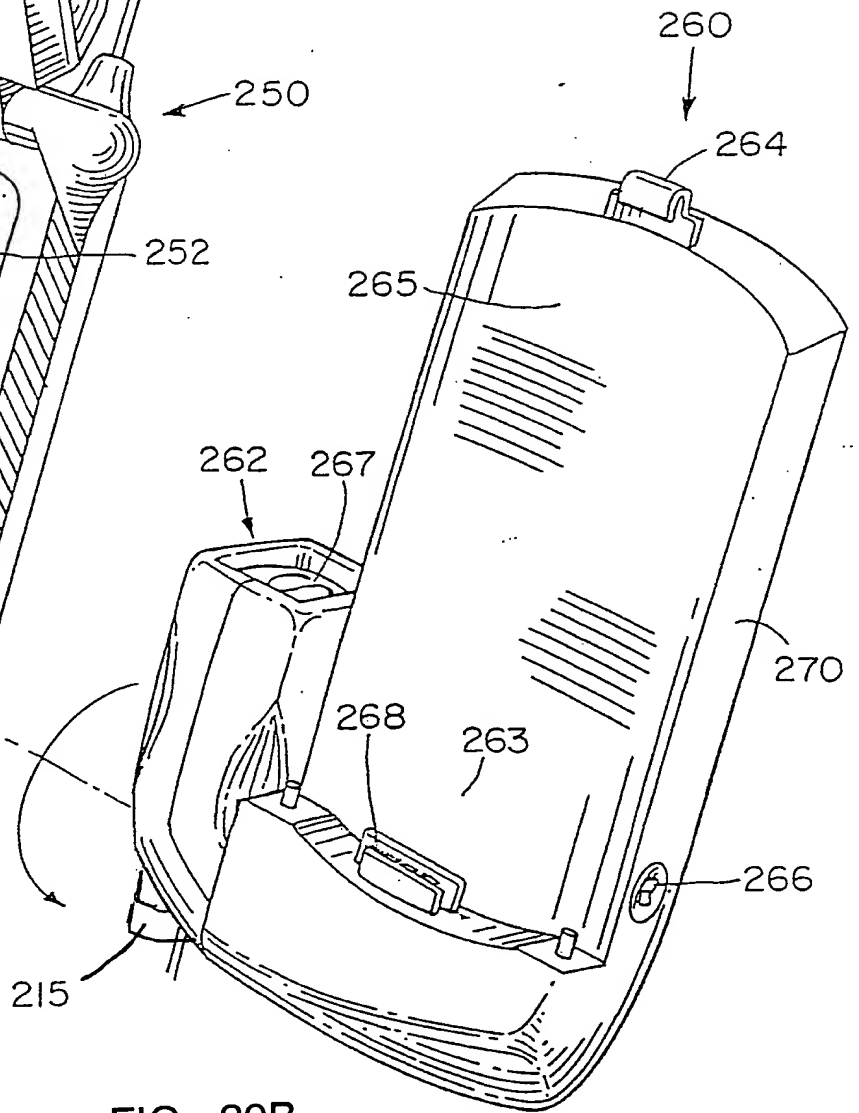


FIG. 30B

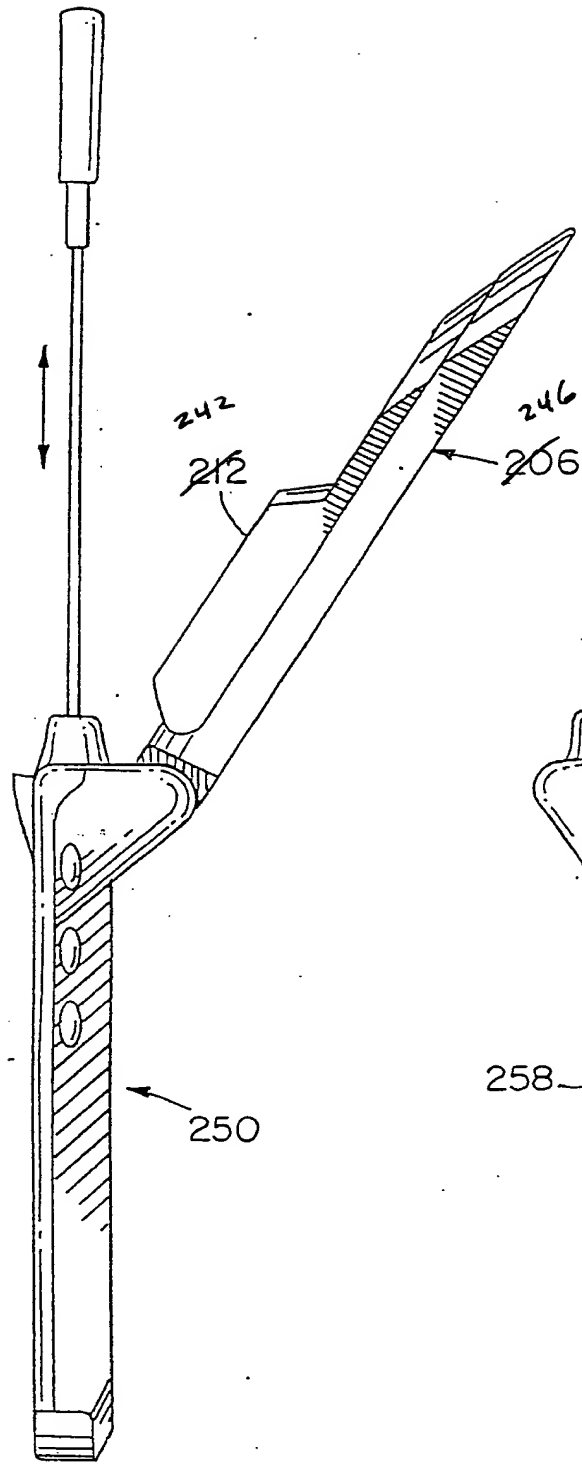


FIG. 30C

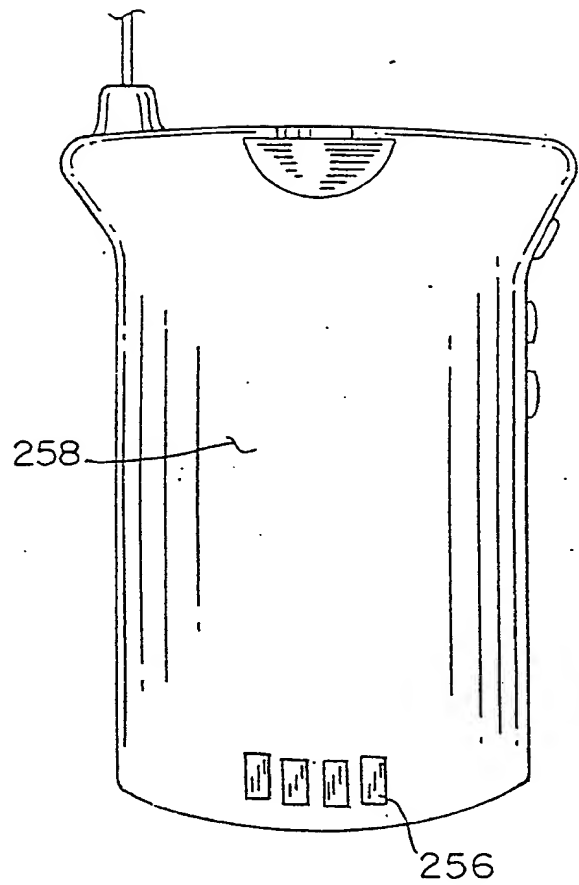


FIG. 30D

660F50: 94F60E60

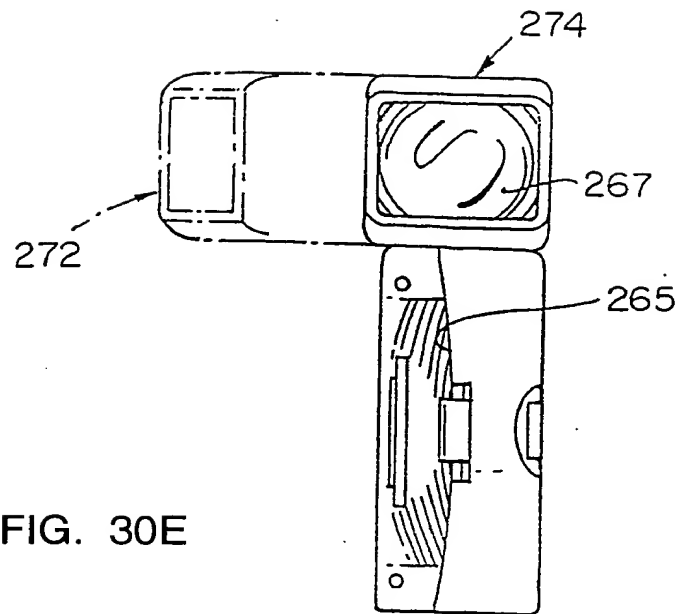


FIG. 30E

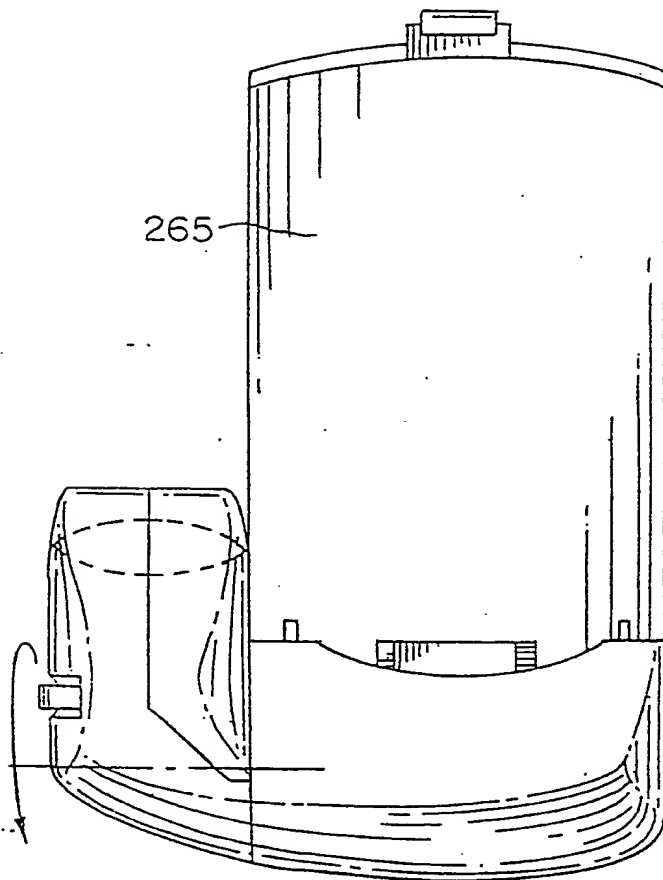


FIG. 30F

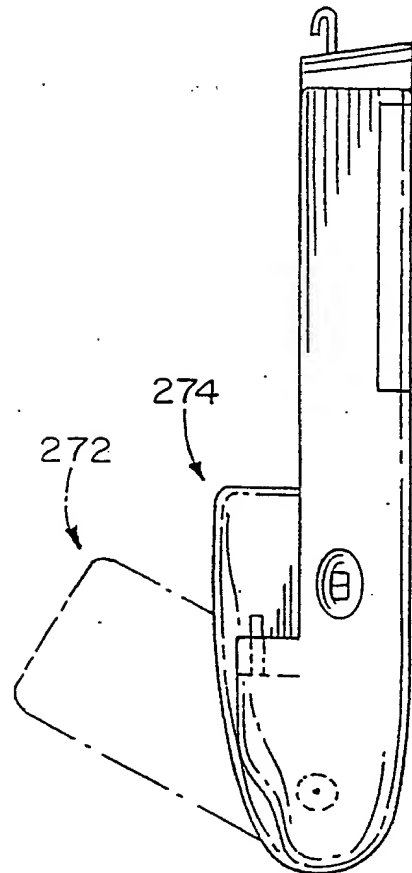


FIG. 30G

660150-9160E60

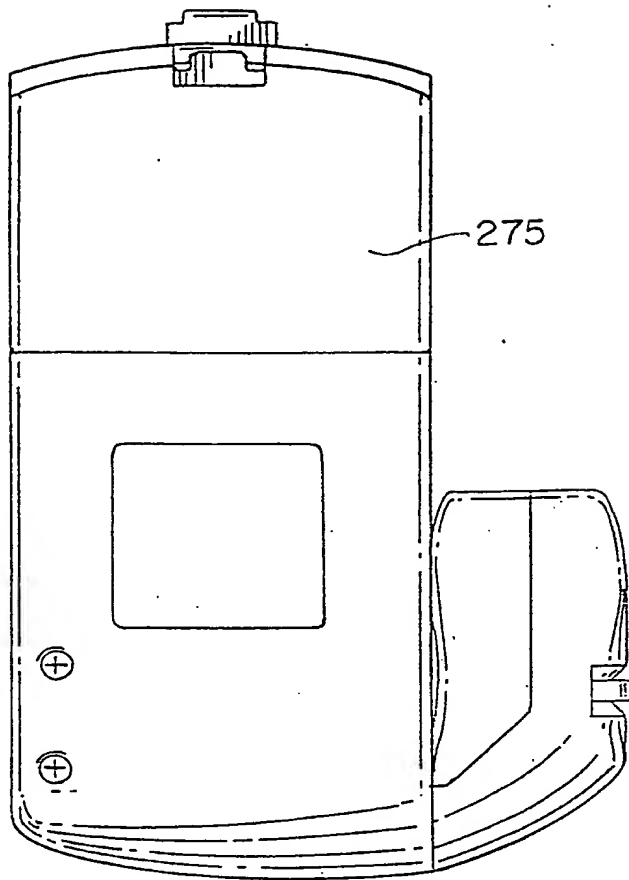


FIG. 30H

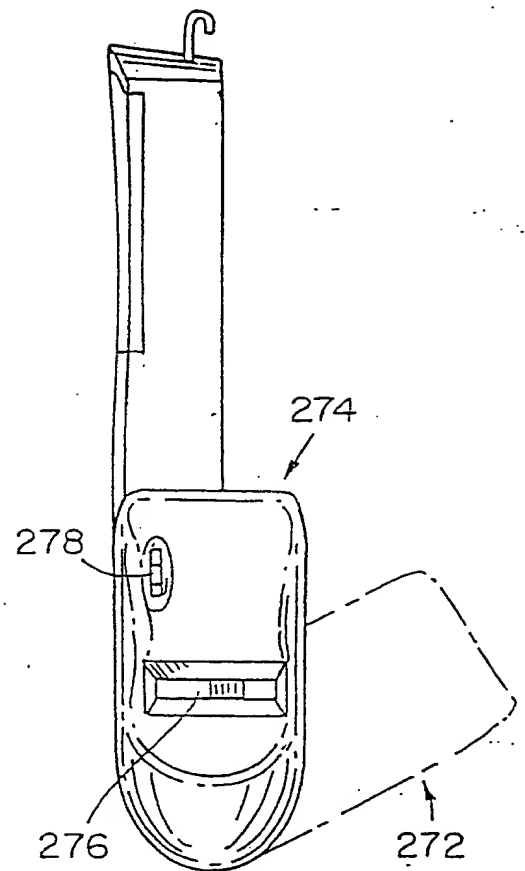


FIG. 30I

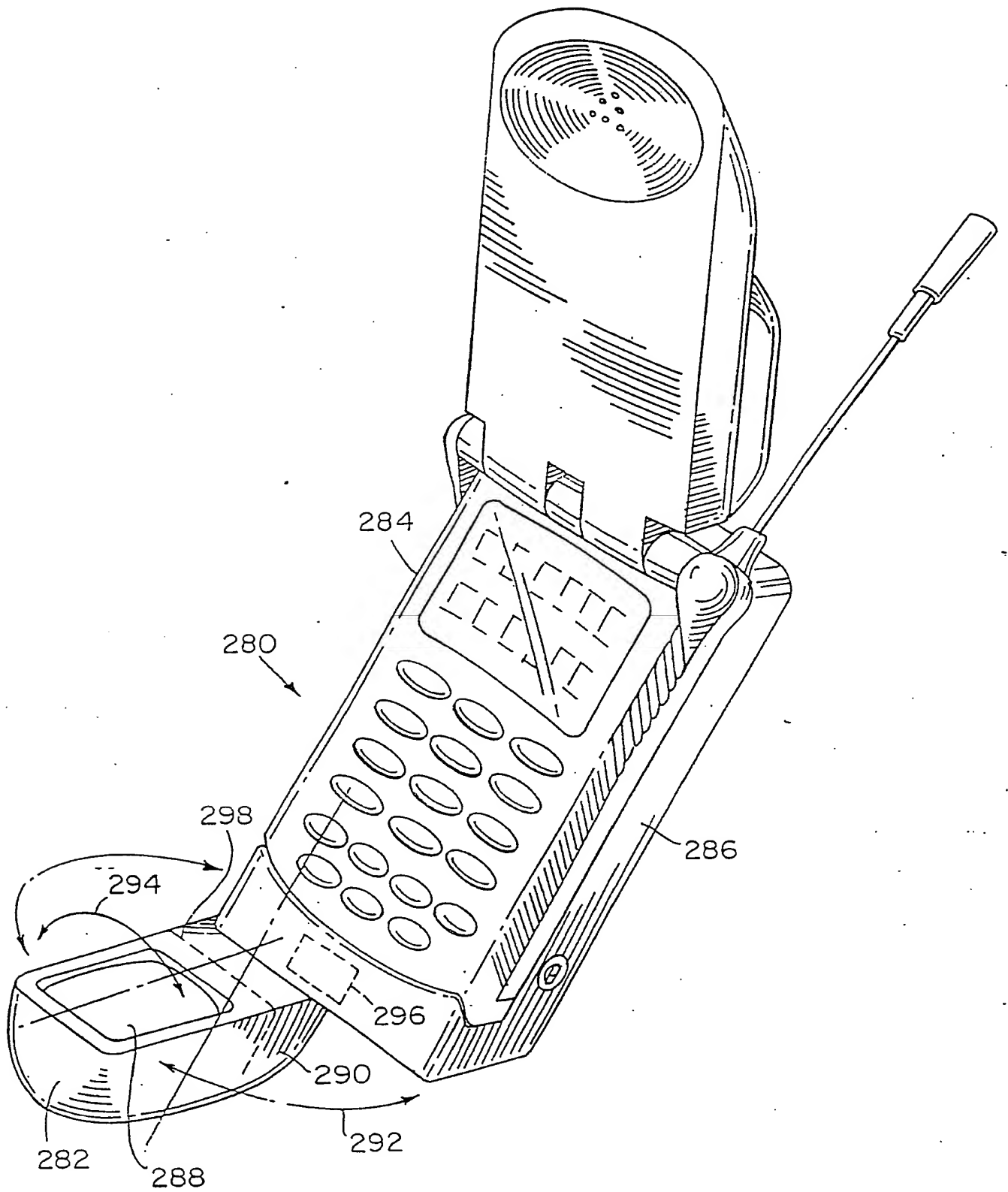


FIG. 30J

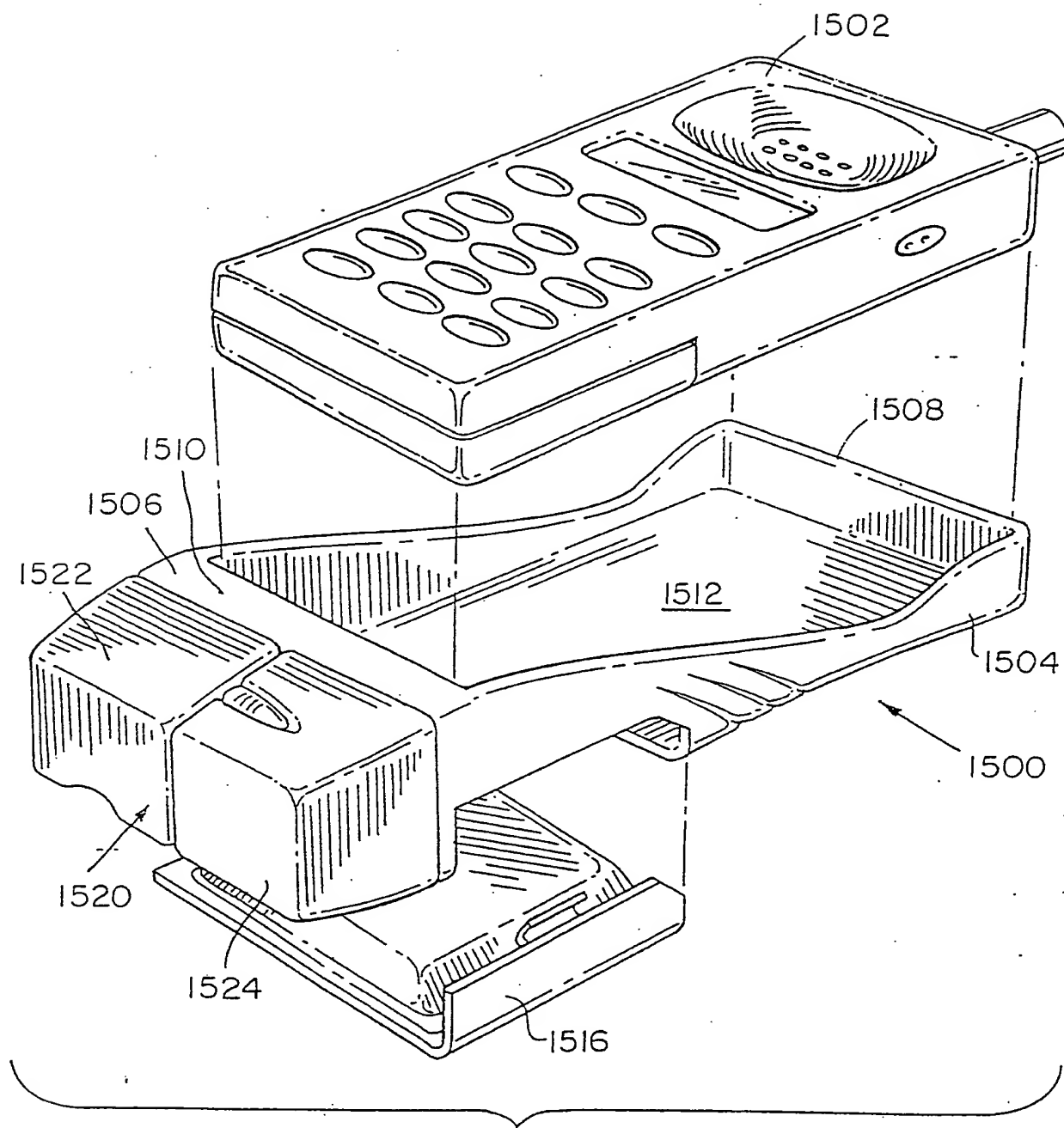


FIG. 31A

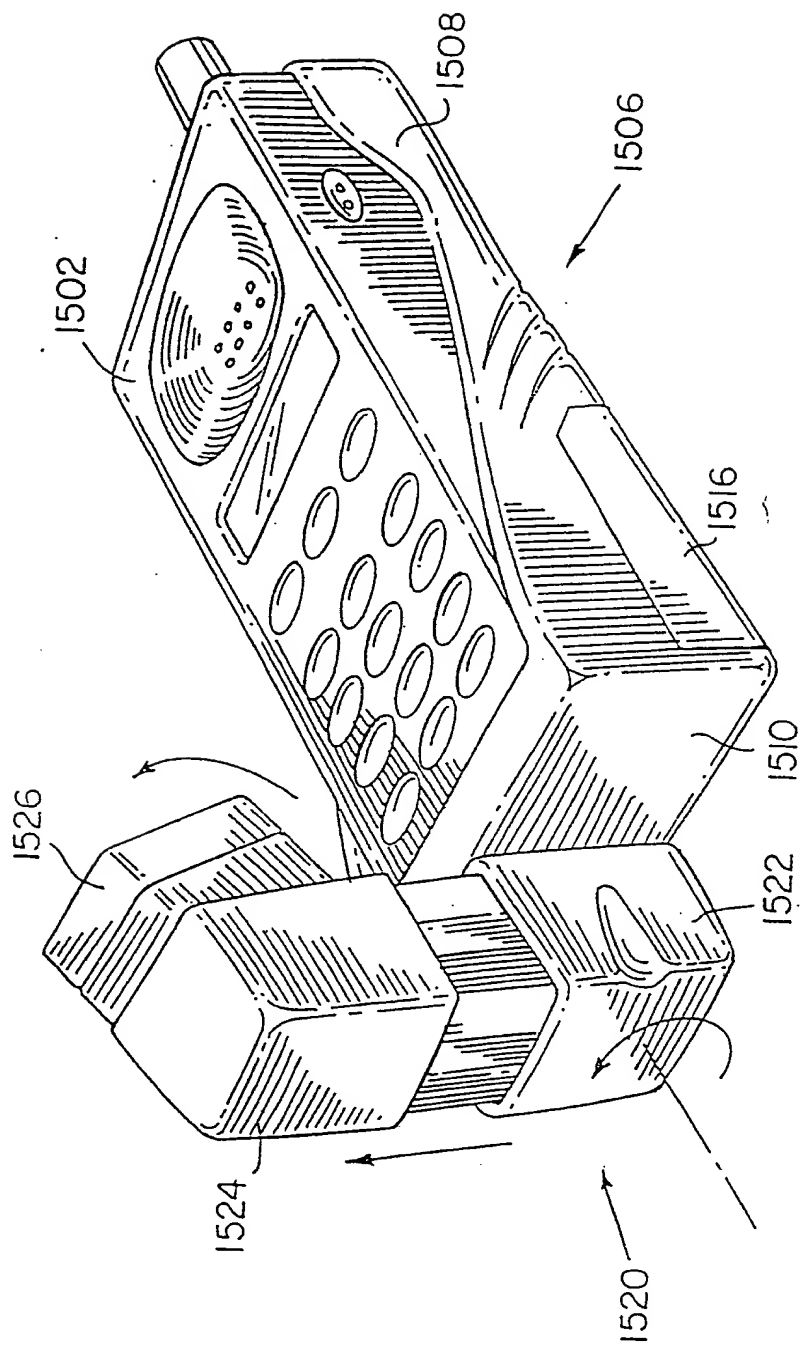


FIG. 31B

Figure 15 is a perspective view of a handheld electronic device 1500. The device has a rectangular body with rounded corners. At the top, there is a small protruding feature. The front face includes a large display area 1512, which is filled with a diagonal hatched pattern. Below the display is a rectangular touchpad 1516. At the bottom of the device, there are two capacitive touch buttons, labeled 1522 and 1524. The side of the device is indicated by the label 1506, and the bottom edge is indicated by the label 1520.

FIG. 31C



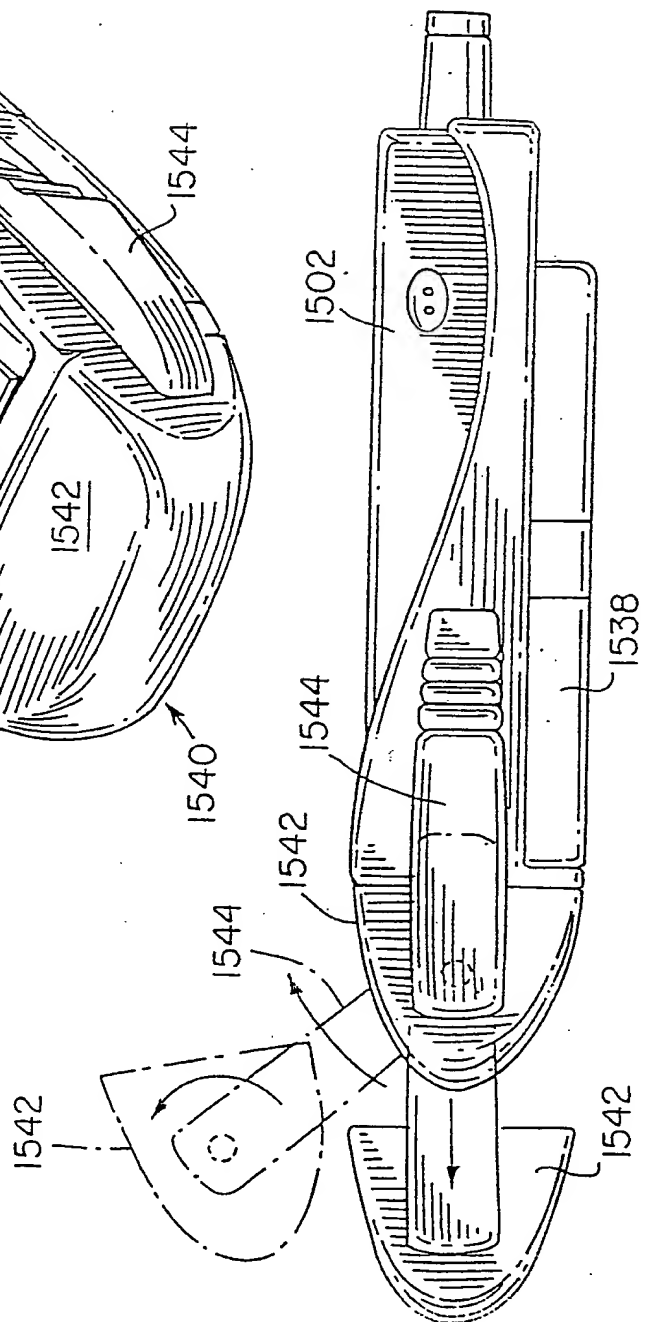
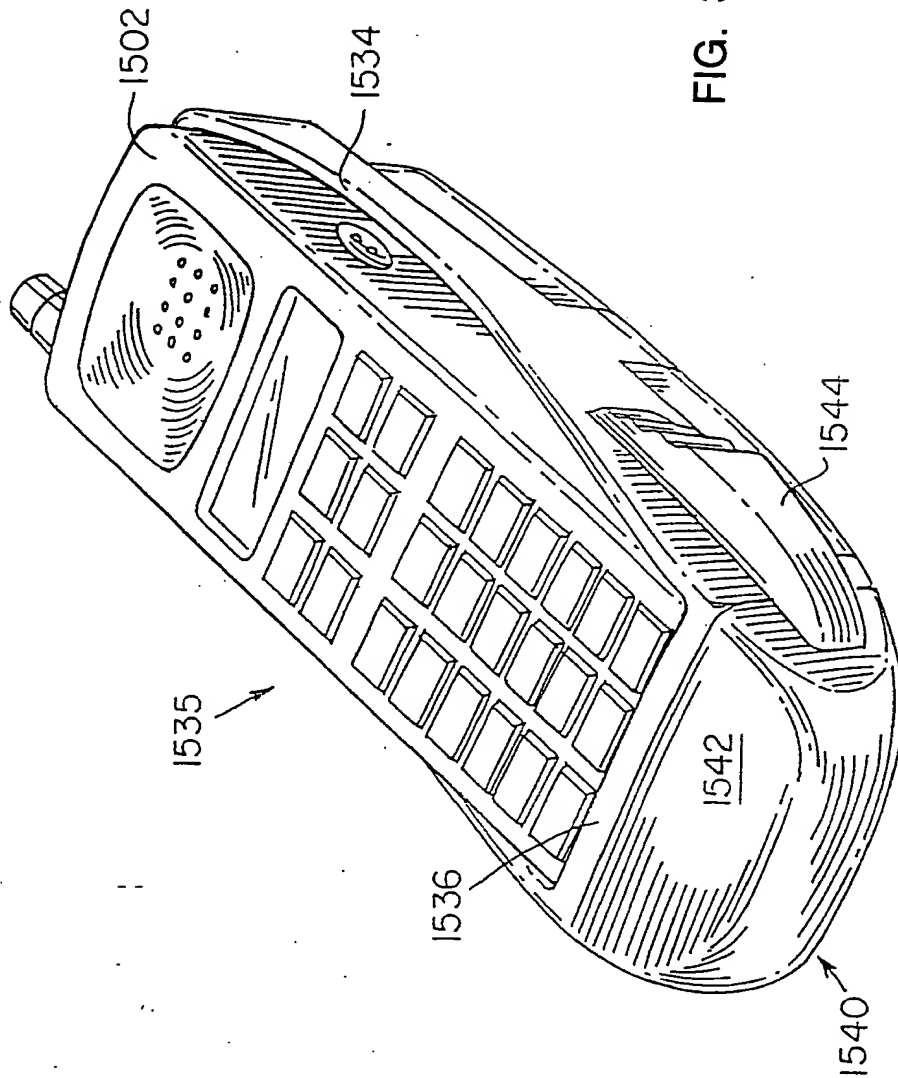




FIG. 32A

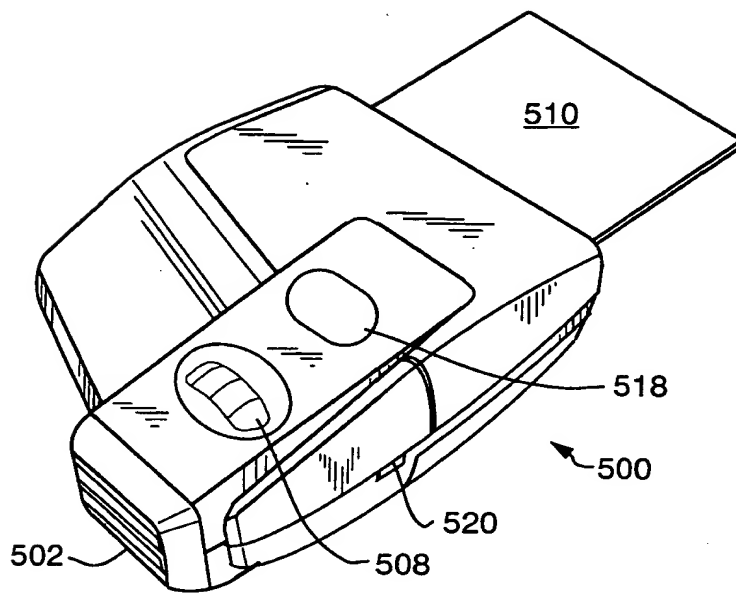


FIG. 32B

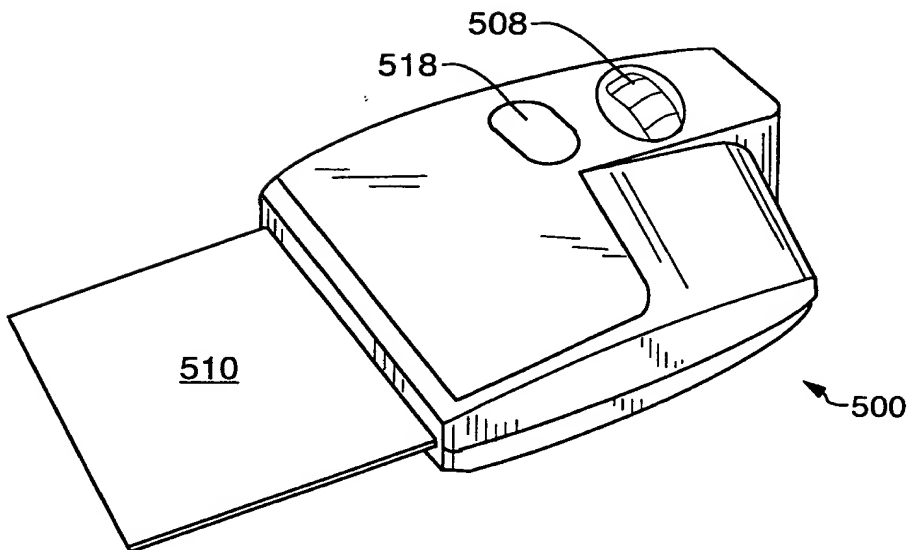
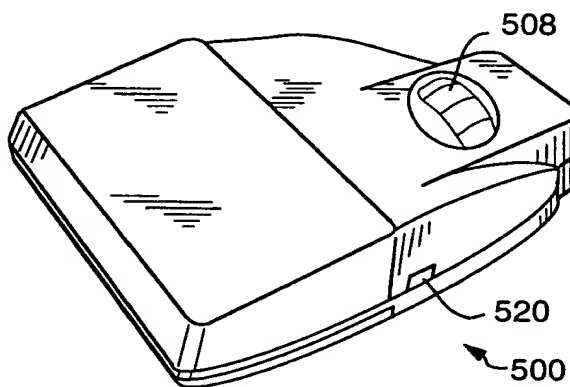


FIG. 32C



660750-59160E60



660F50: 916060

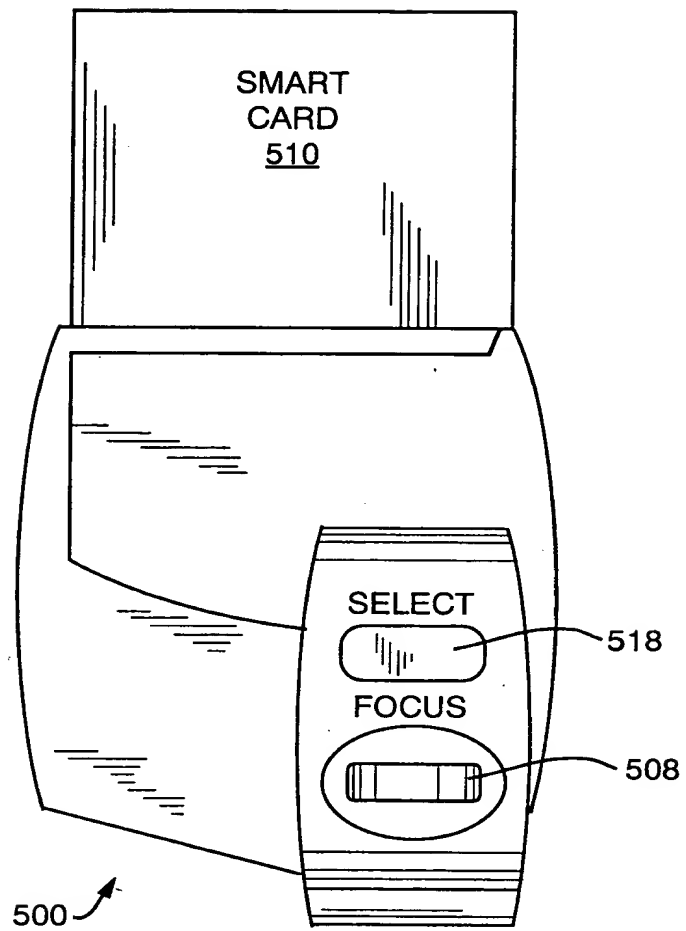


FIG. 32D

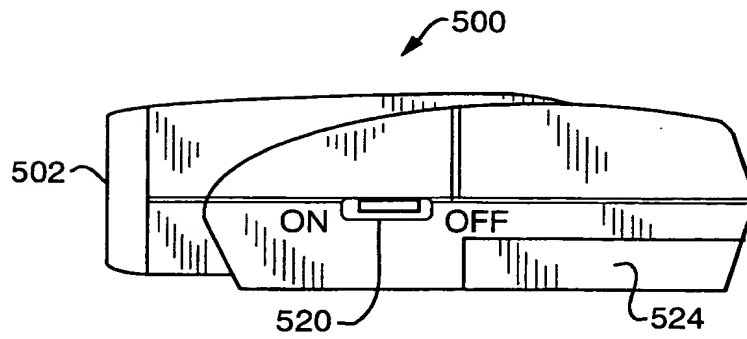


FIG. 32E

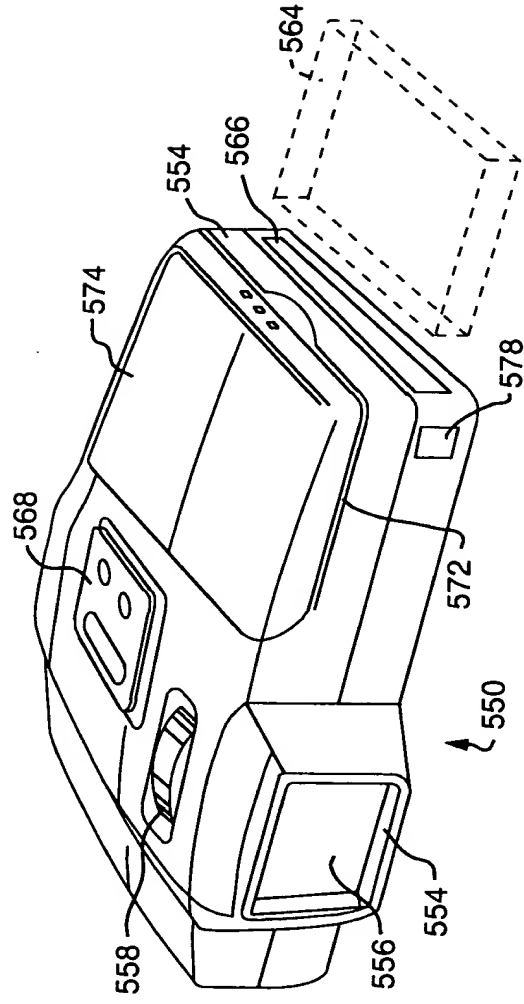
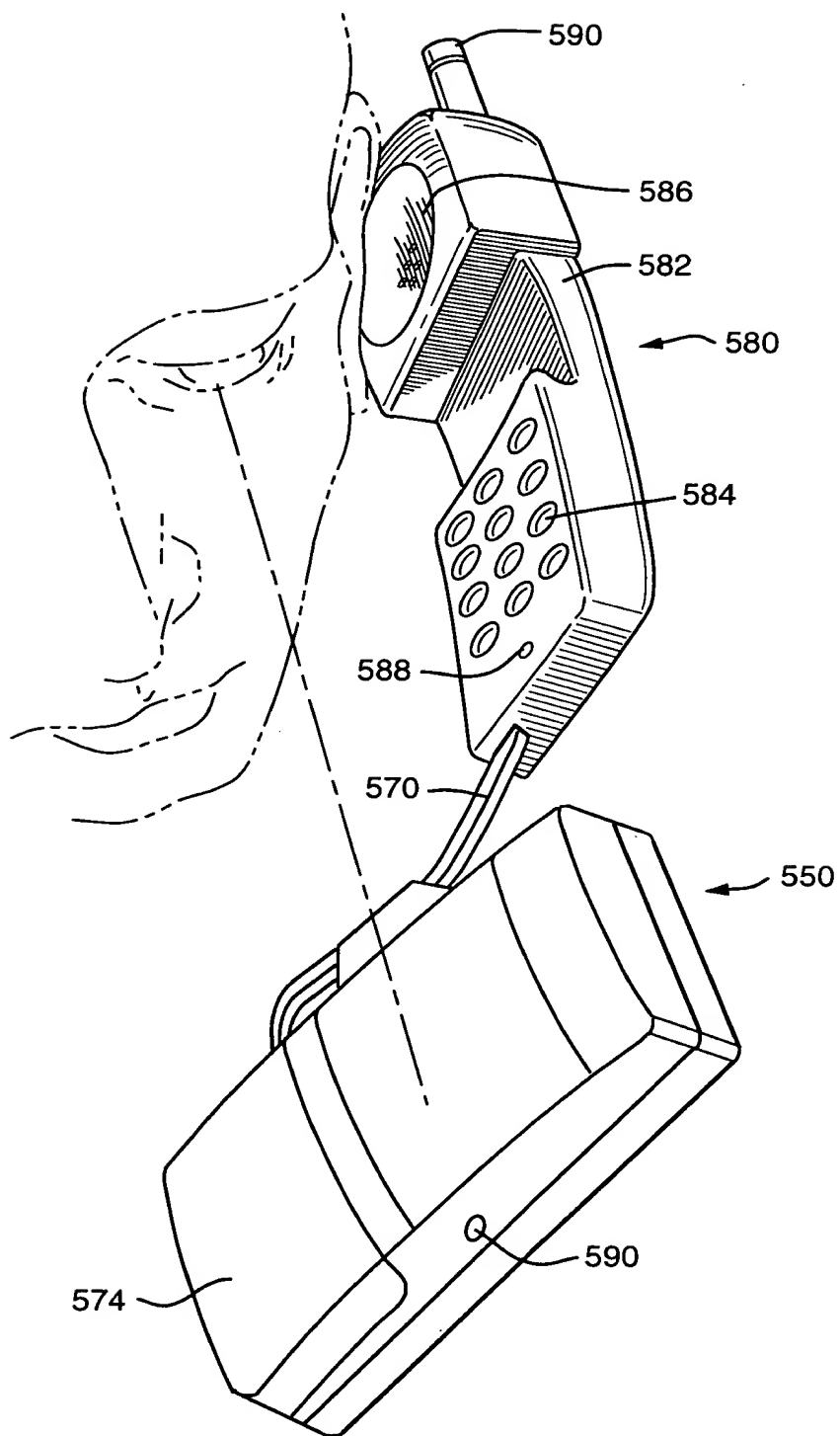


FIG. 33A



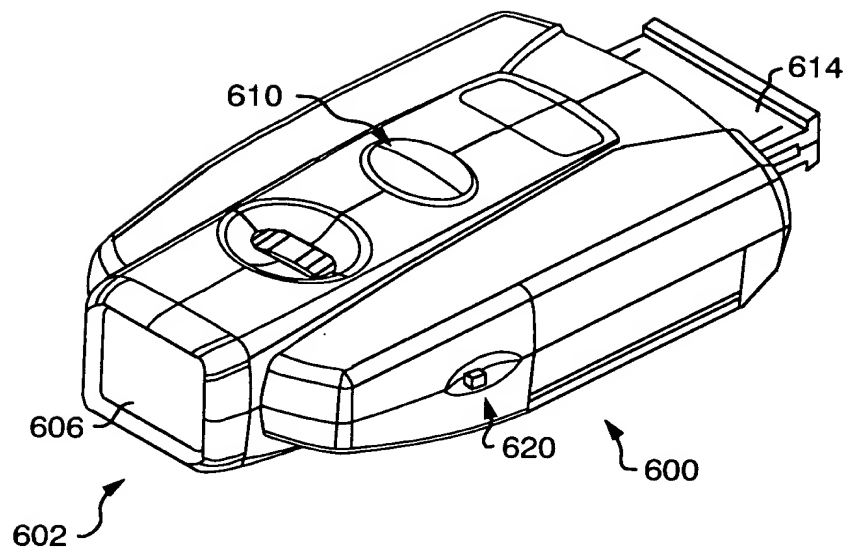


FIG. 34A

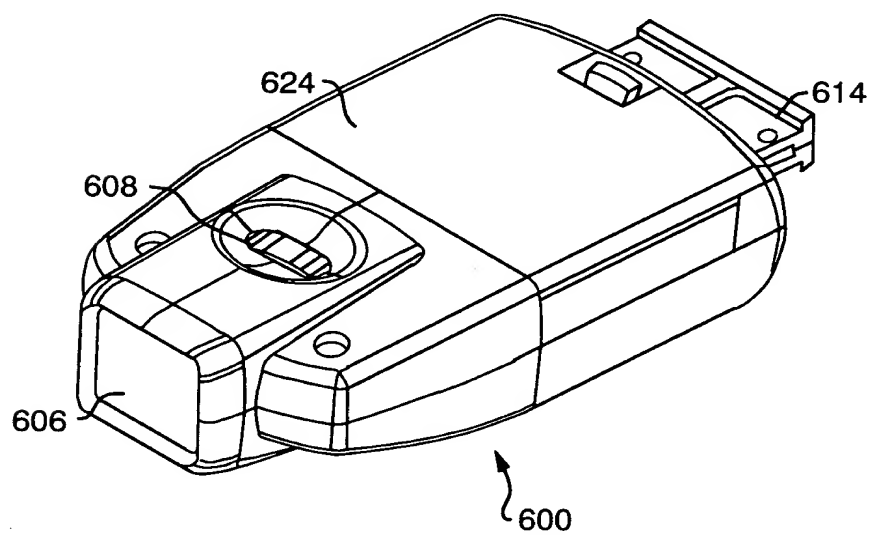


FIG. 34B



600-34A-34B

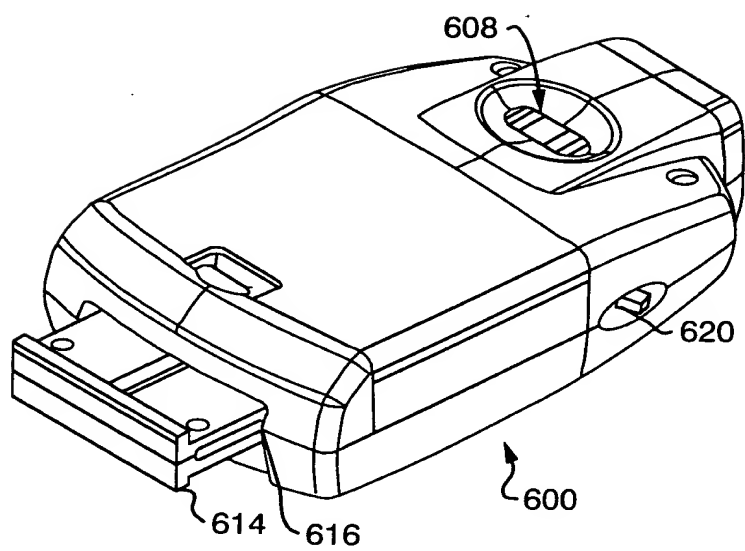


FIG. 34C

660F50: 59F60E60

660750 59160260

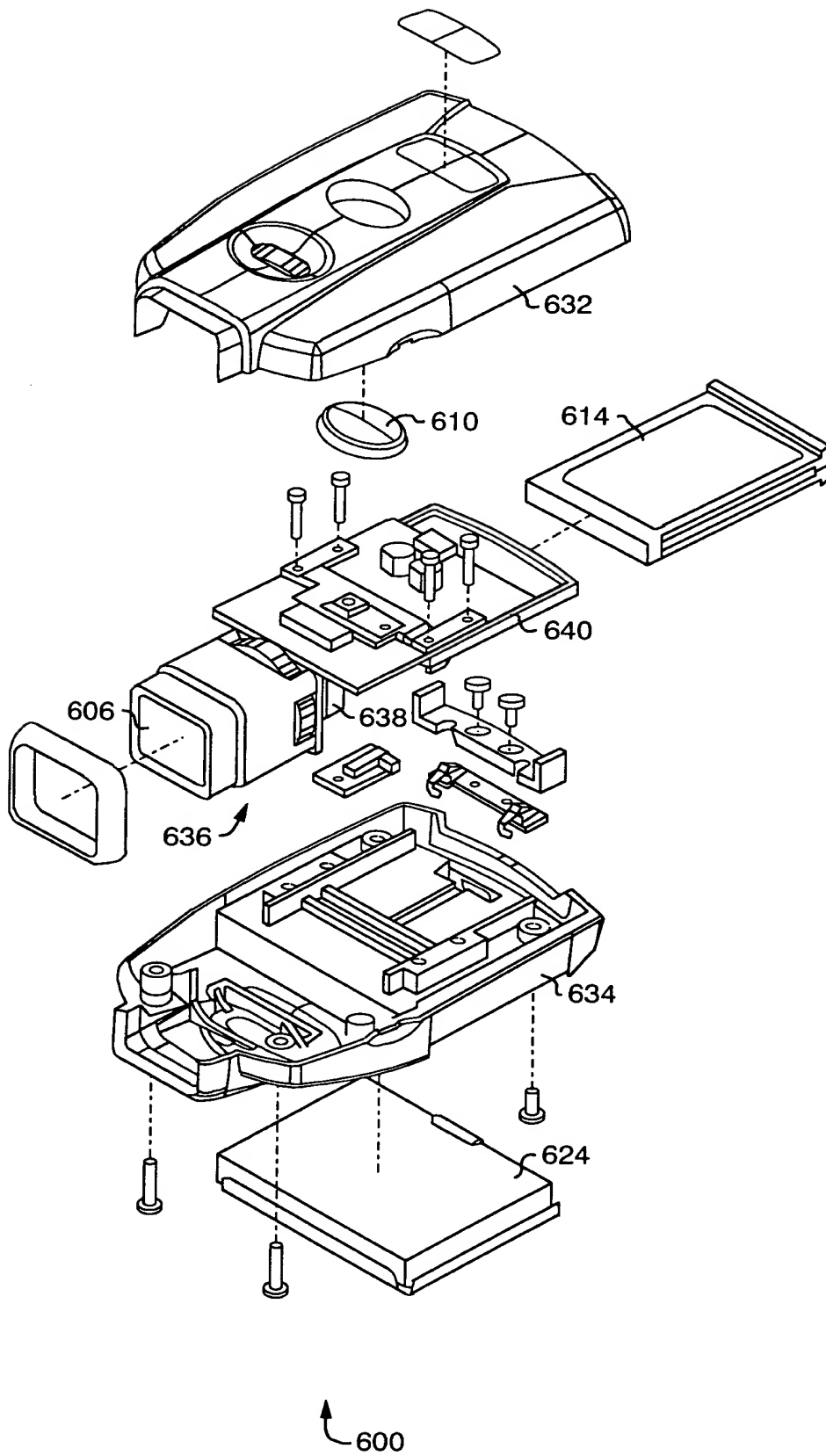


FIG. 34D



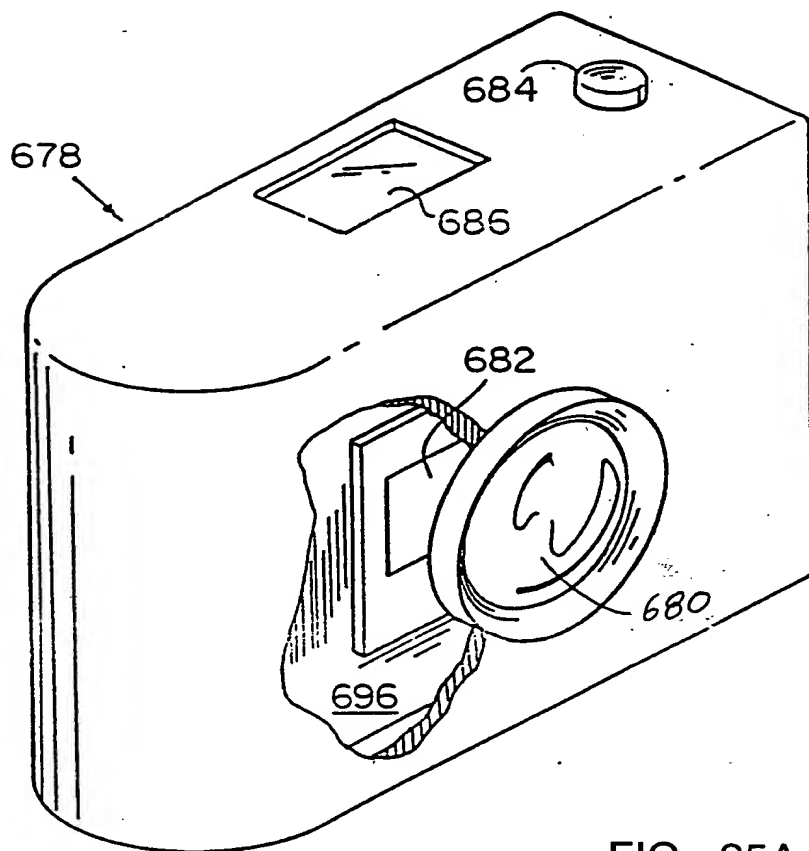


FIG. 35A

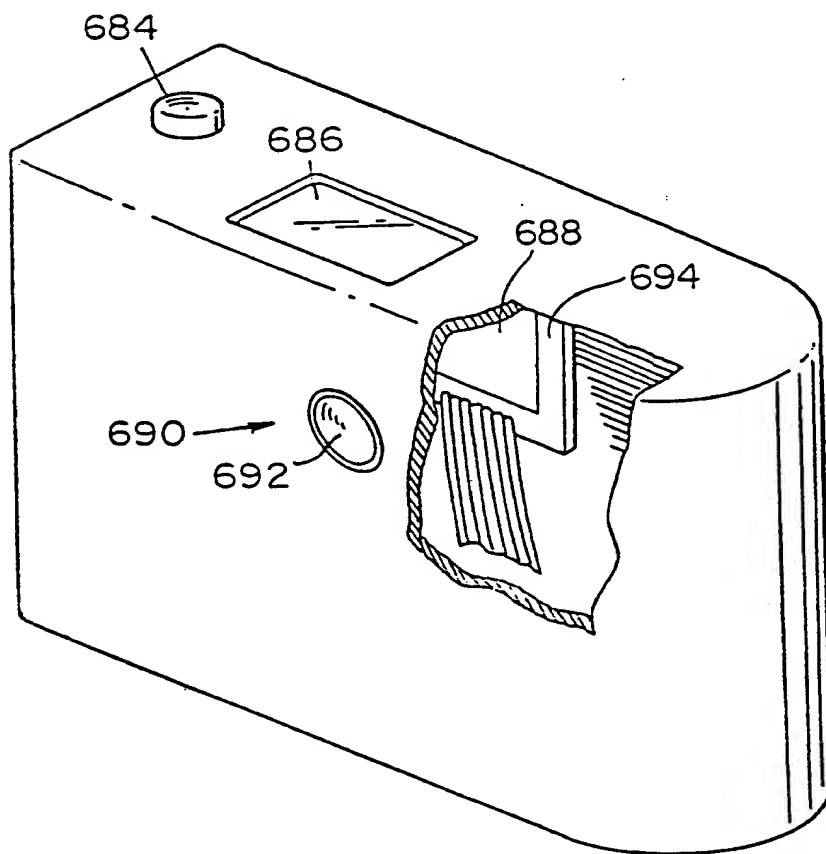


FIG. 35B

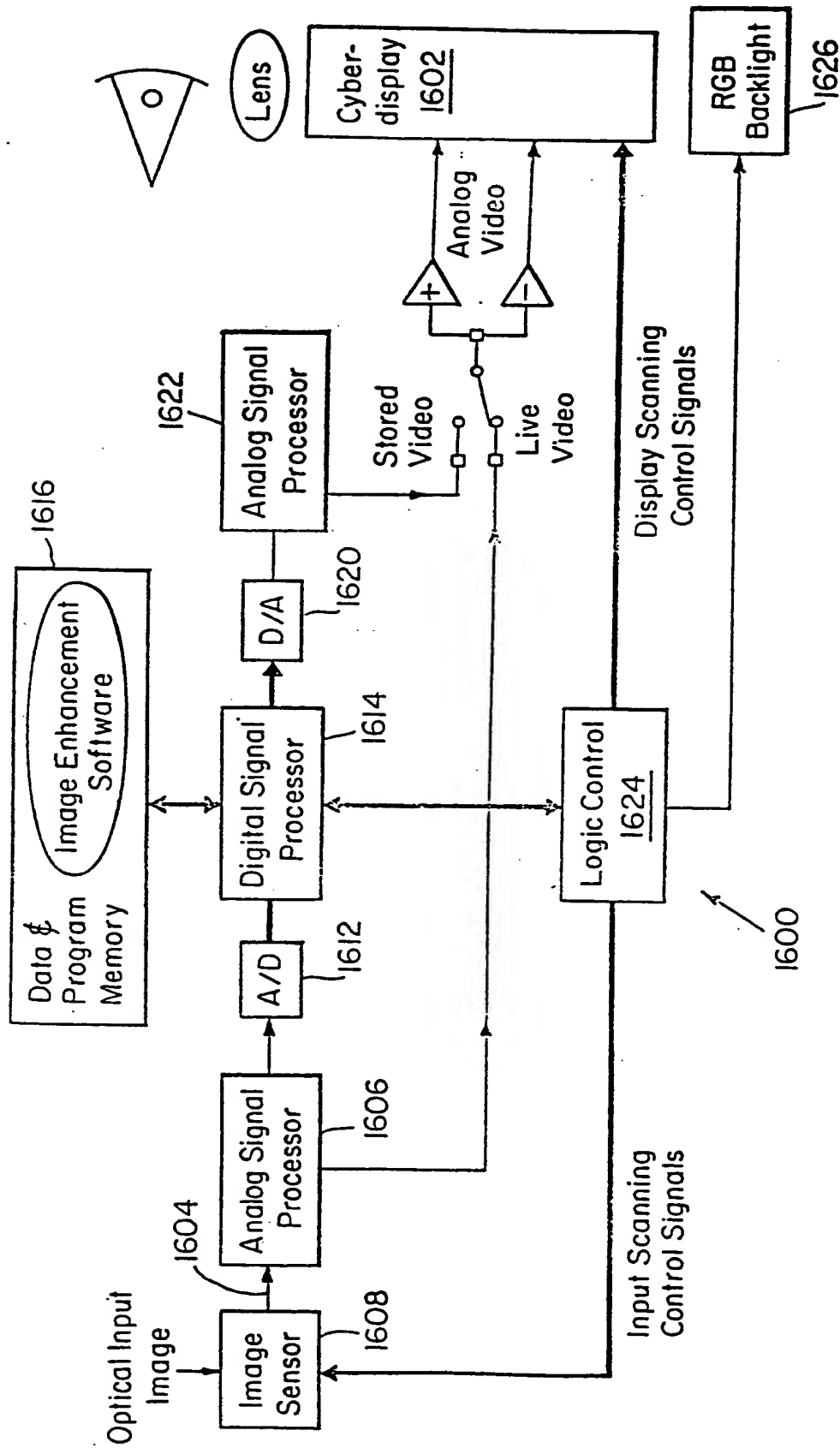


FIG. 35C

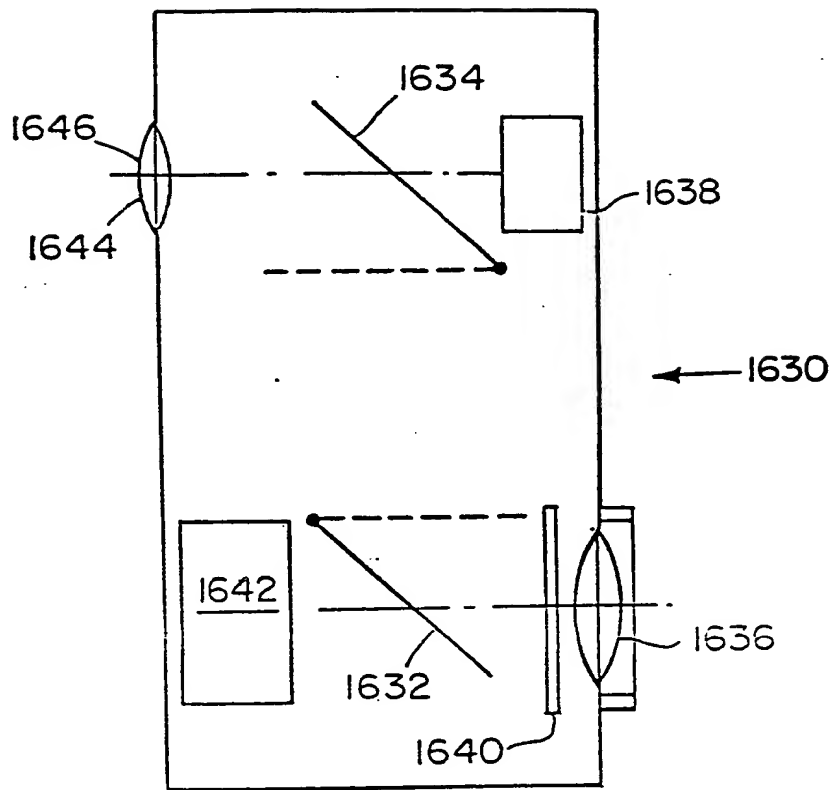


FIG. 35D

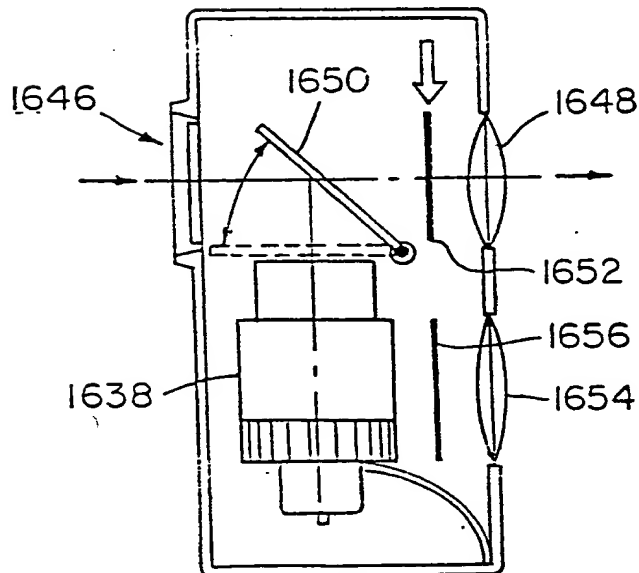


FIG. 35E

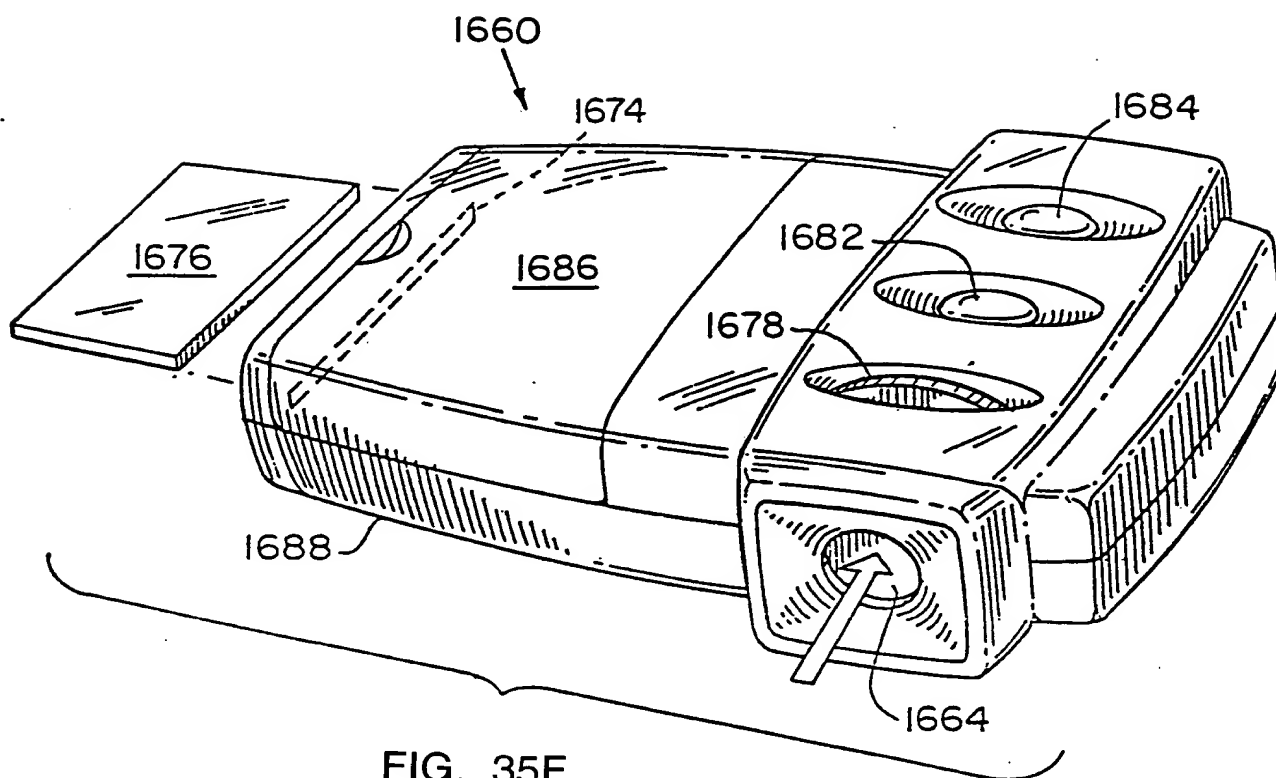


FIG. 35F

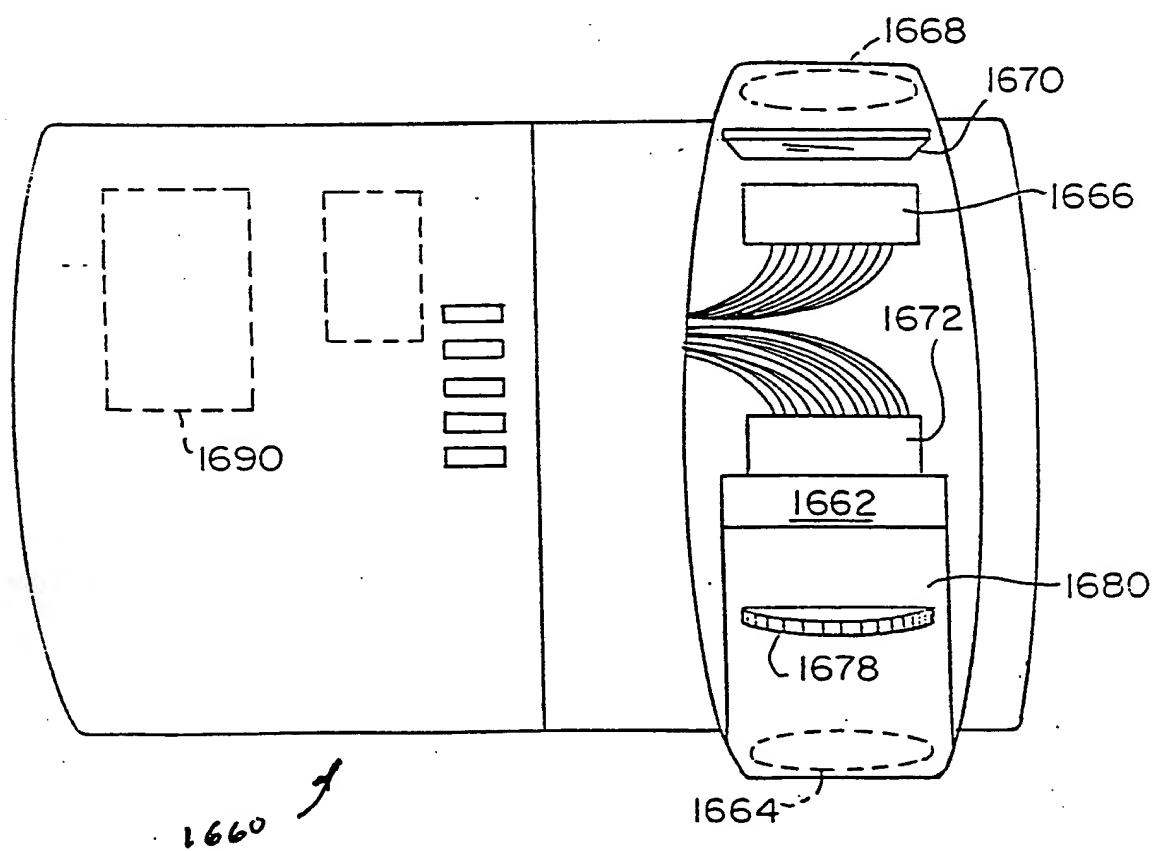


FIG. 35G

660F50" 59F60E60

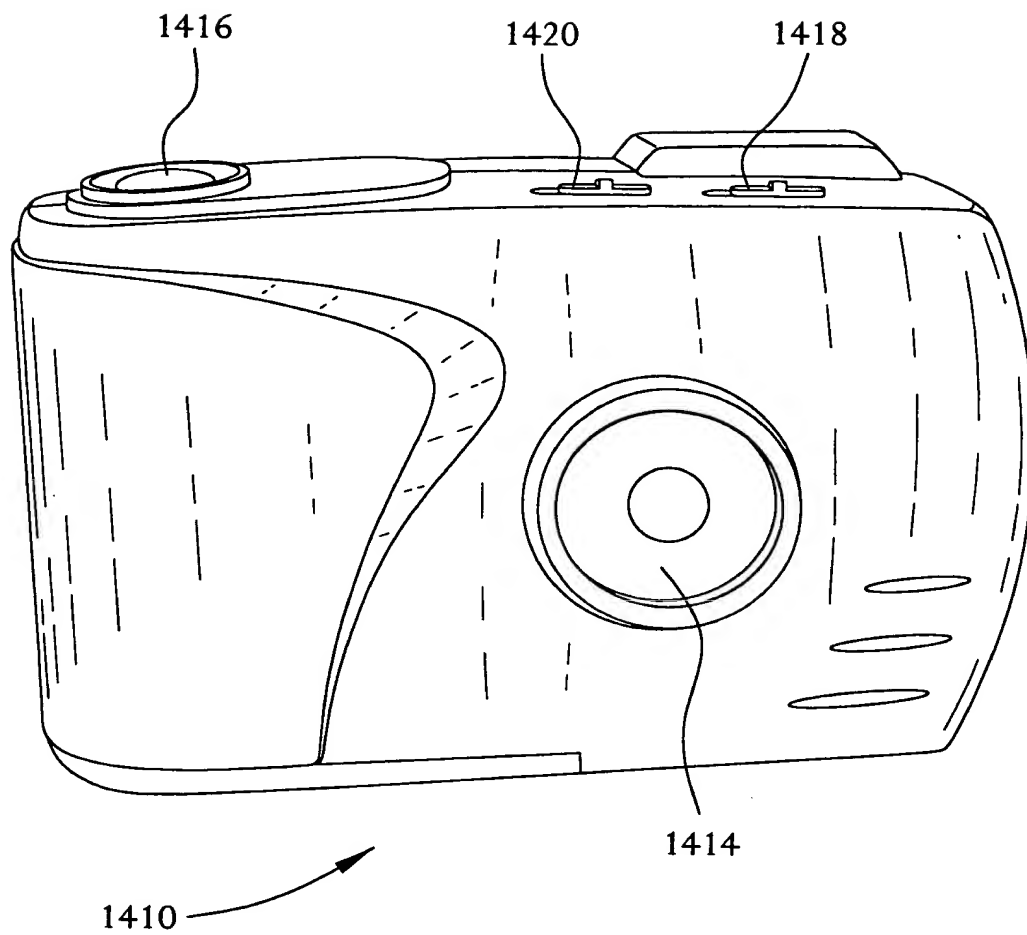


FIG. 35H

FIG. 35I

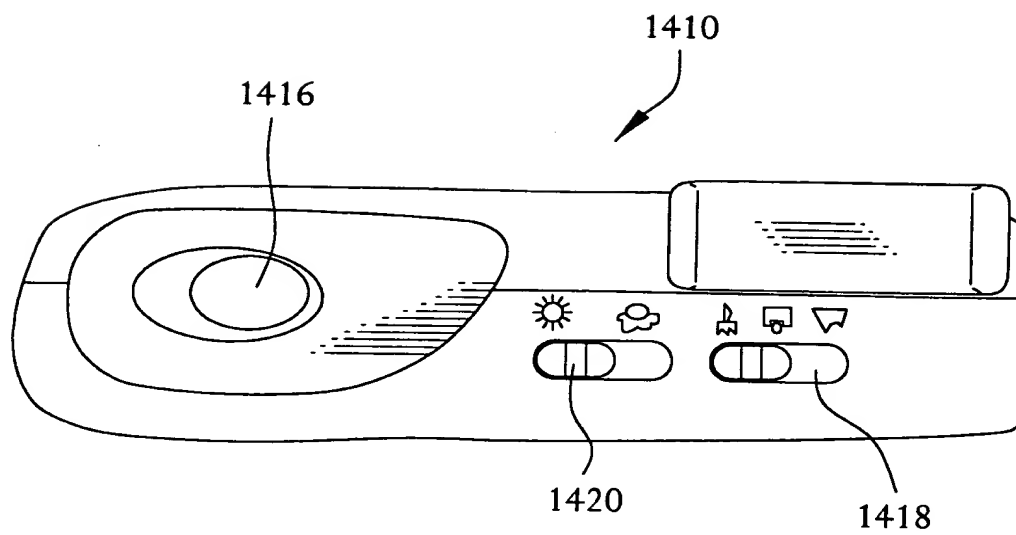


FIG. 35J

660750-55160E00

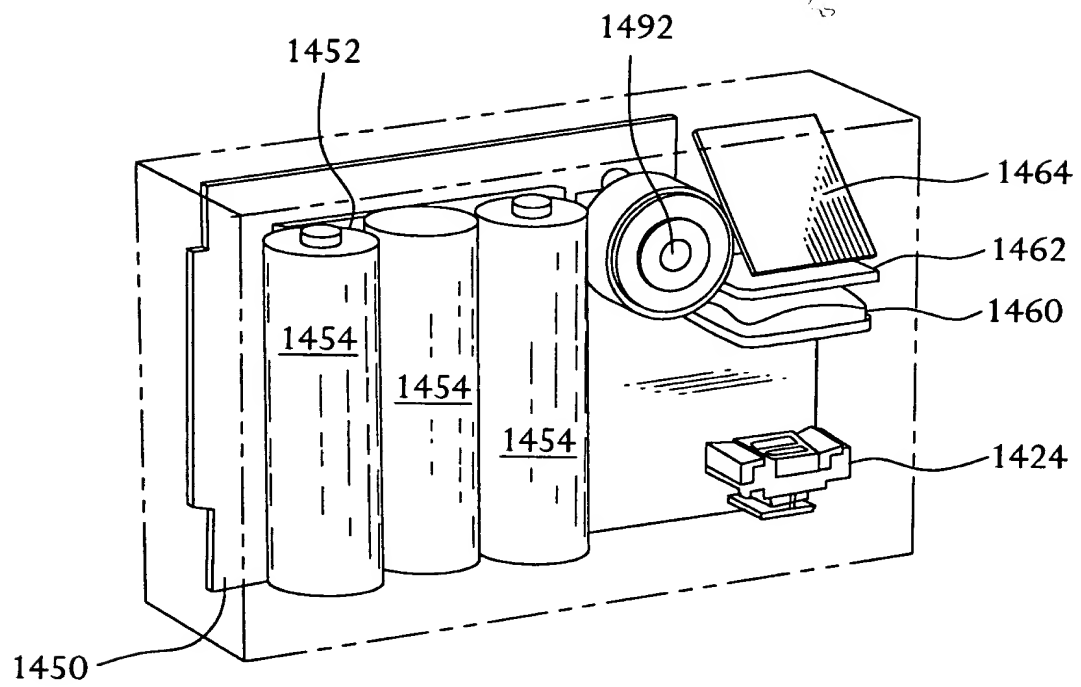


FIG. 35K



600450-9160260

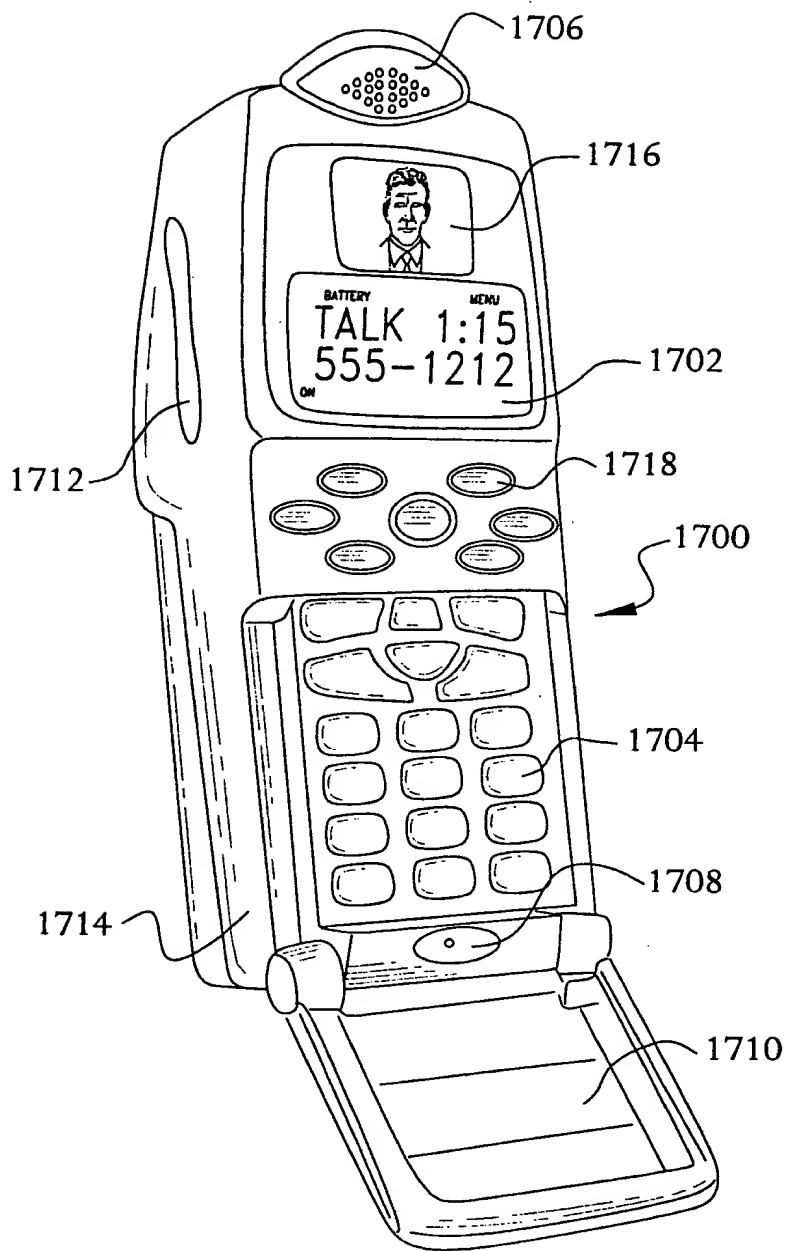


FIG. 36A

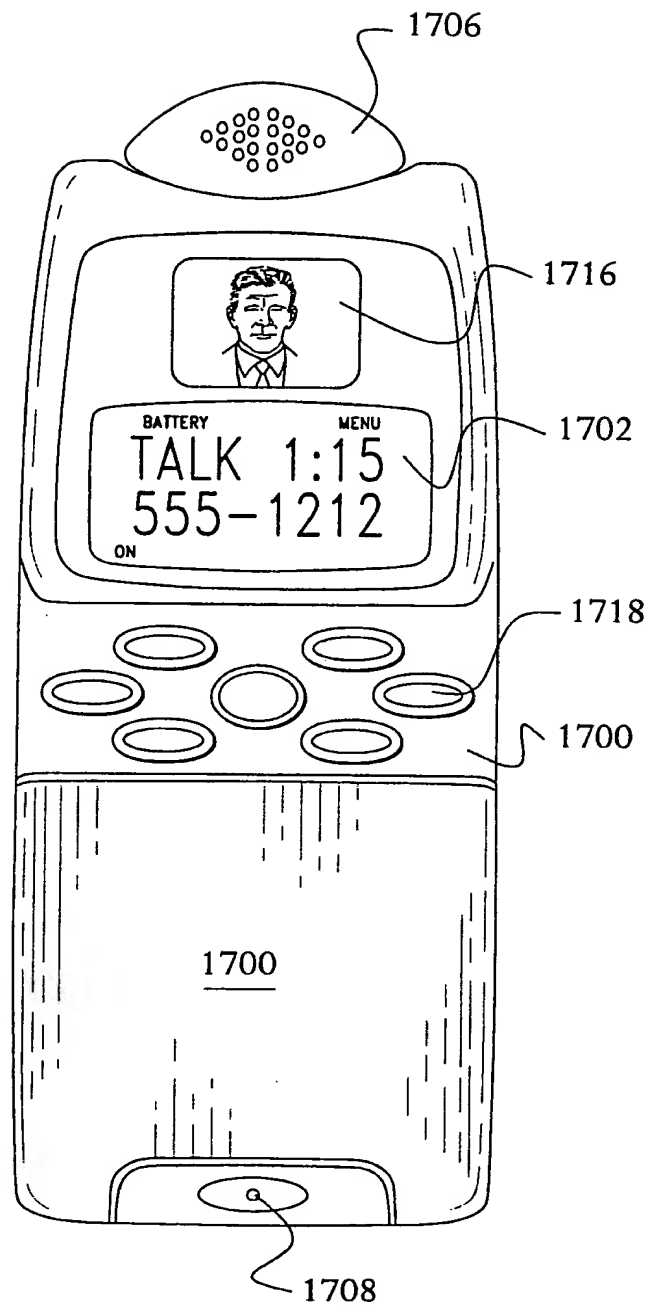


FIG. 36B

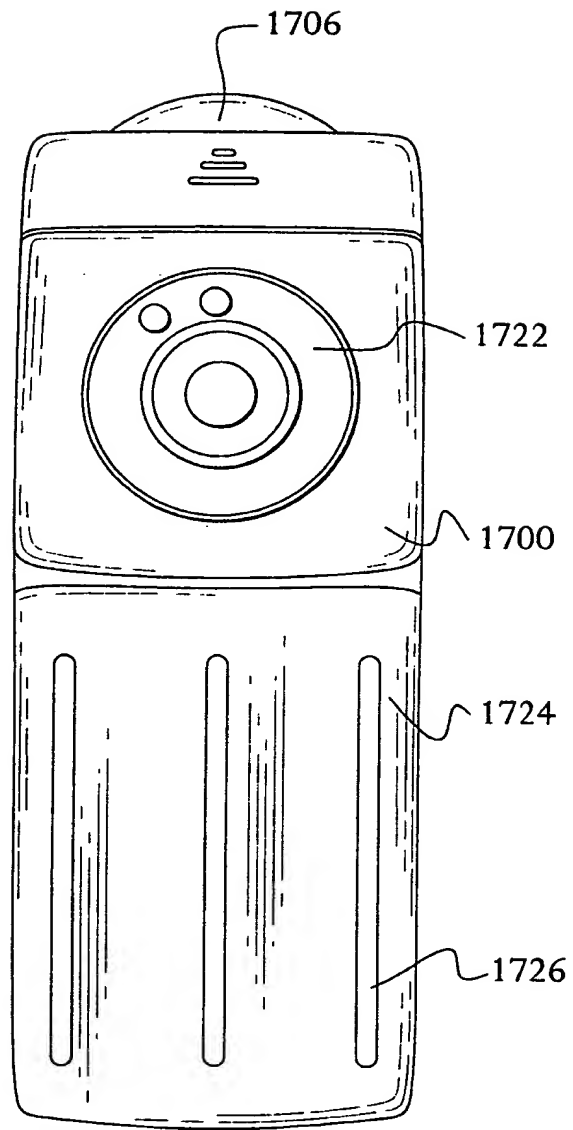


FIG. 36C

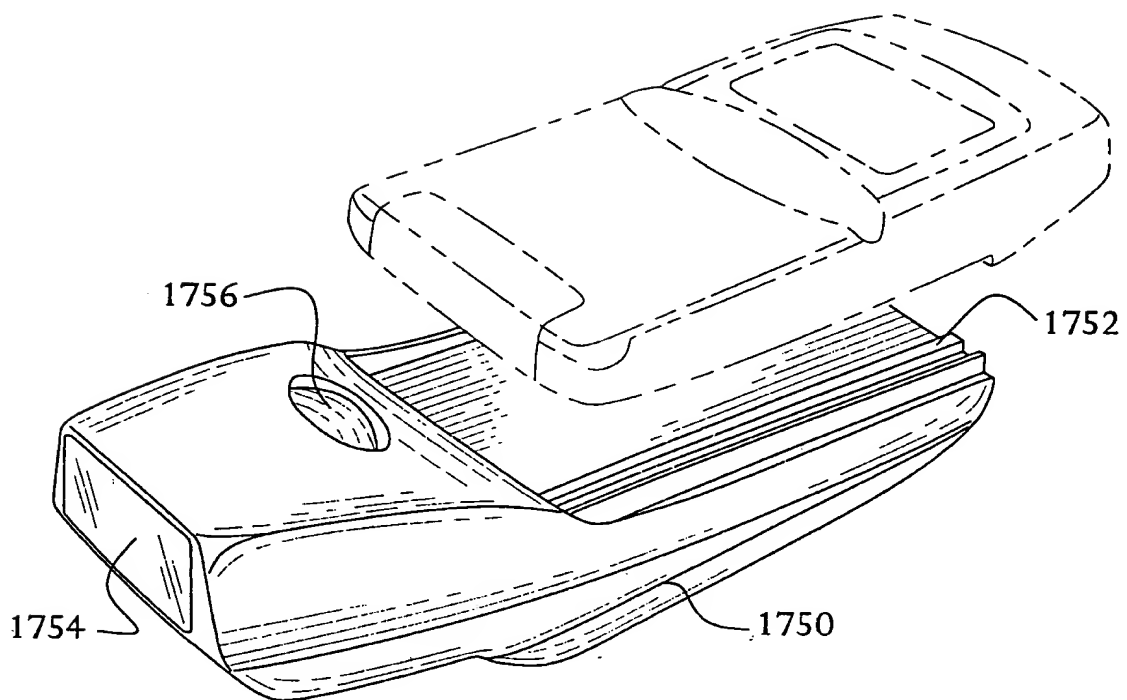


FIG. 37A

660750-5976000

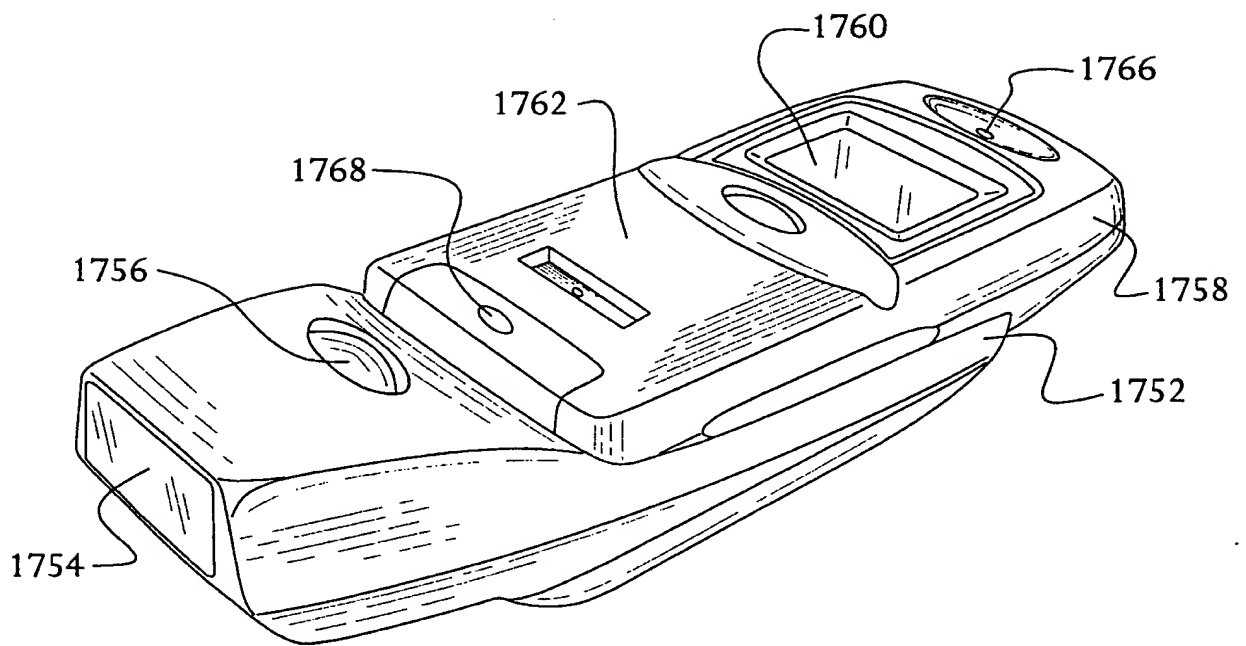


FIG. 37B

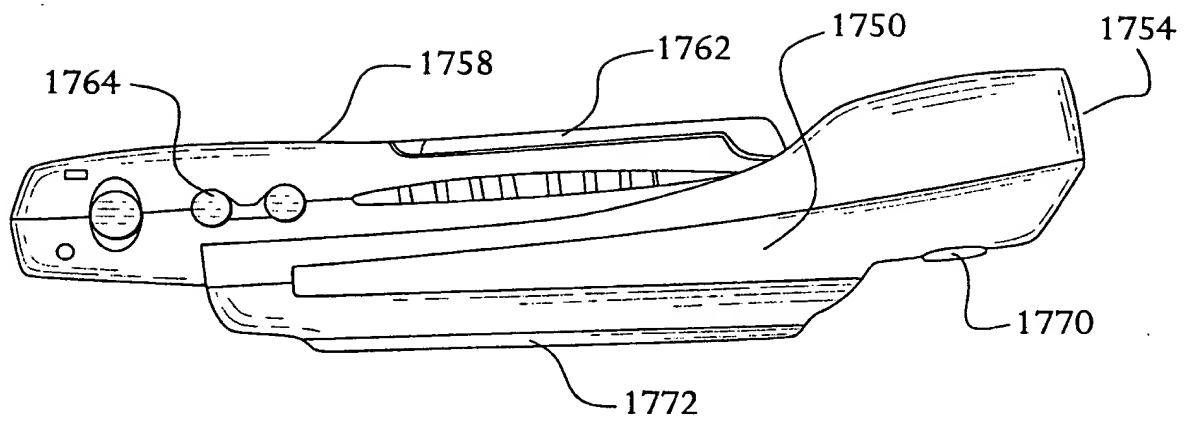


FIG. 37C

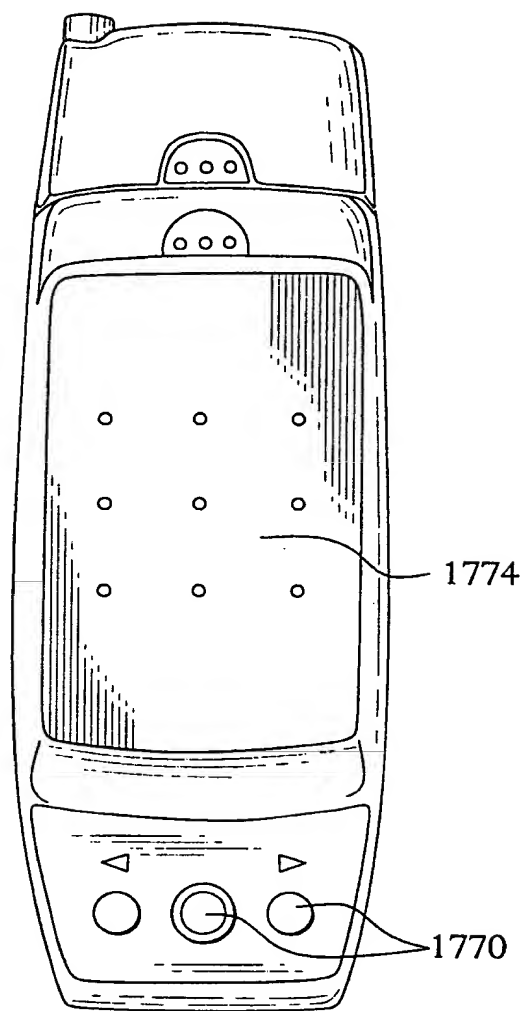


FIG. 37D

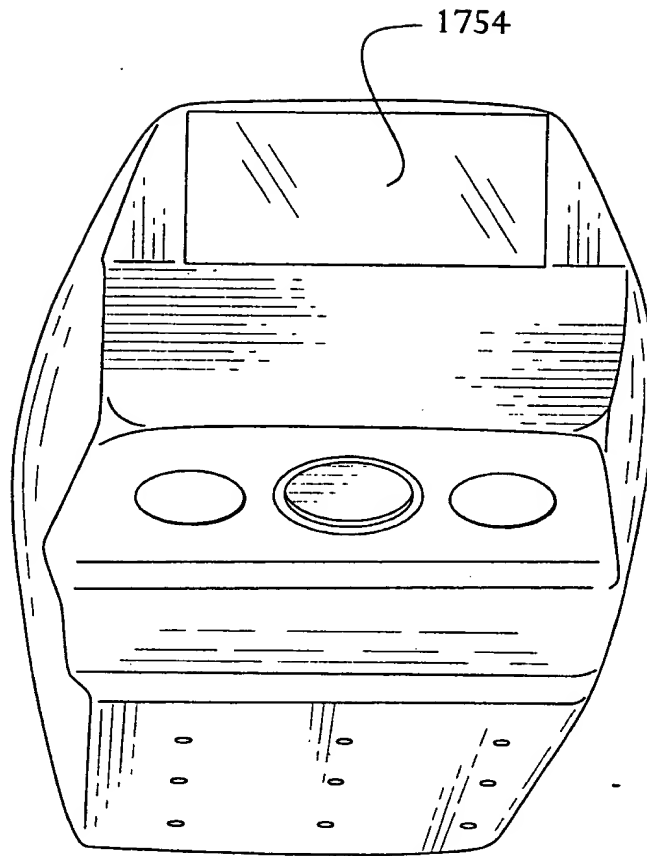


FIG. 37E





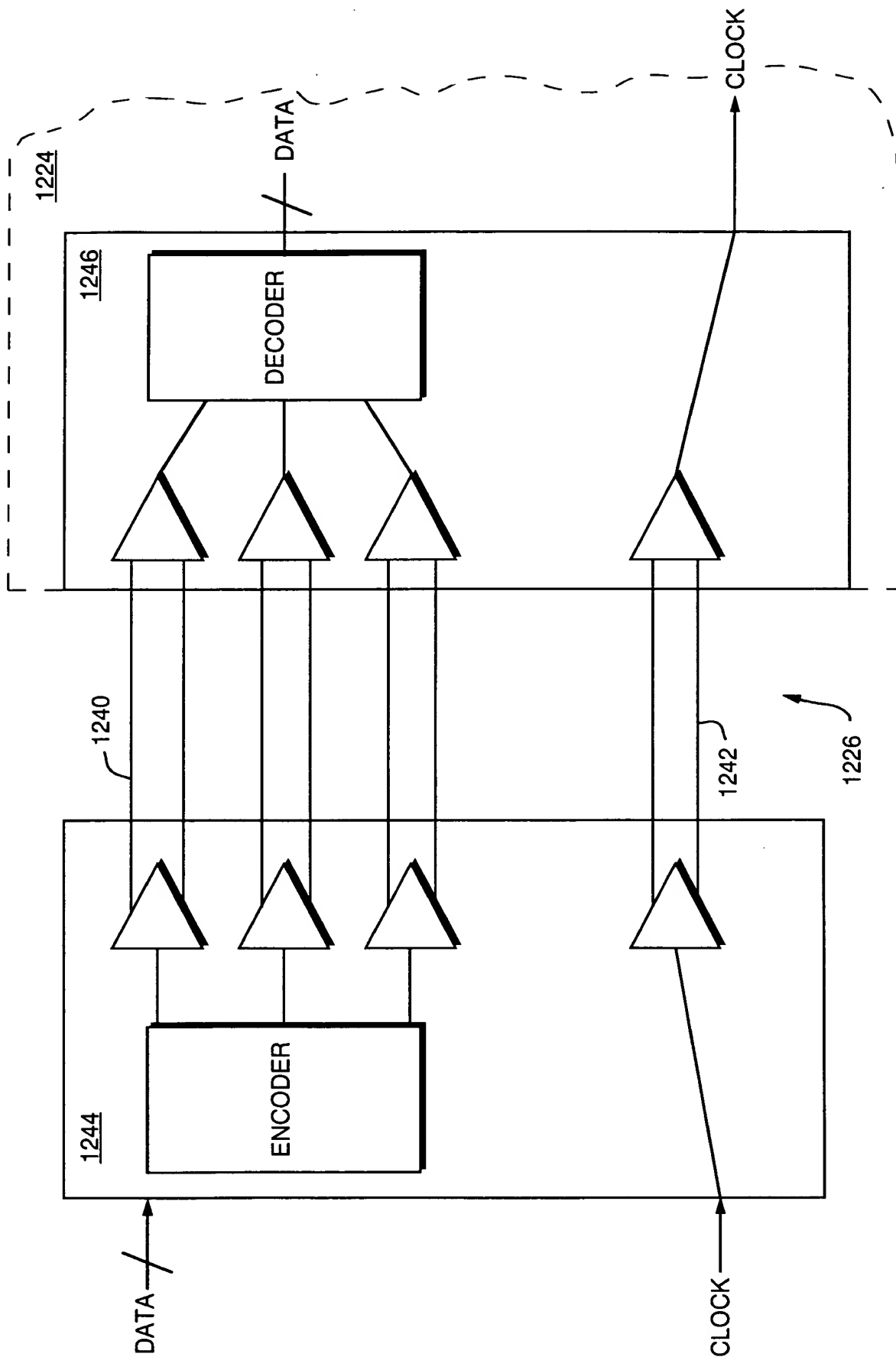


FIG. 38B

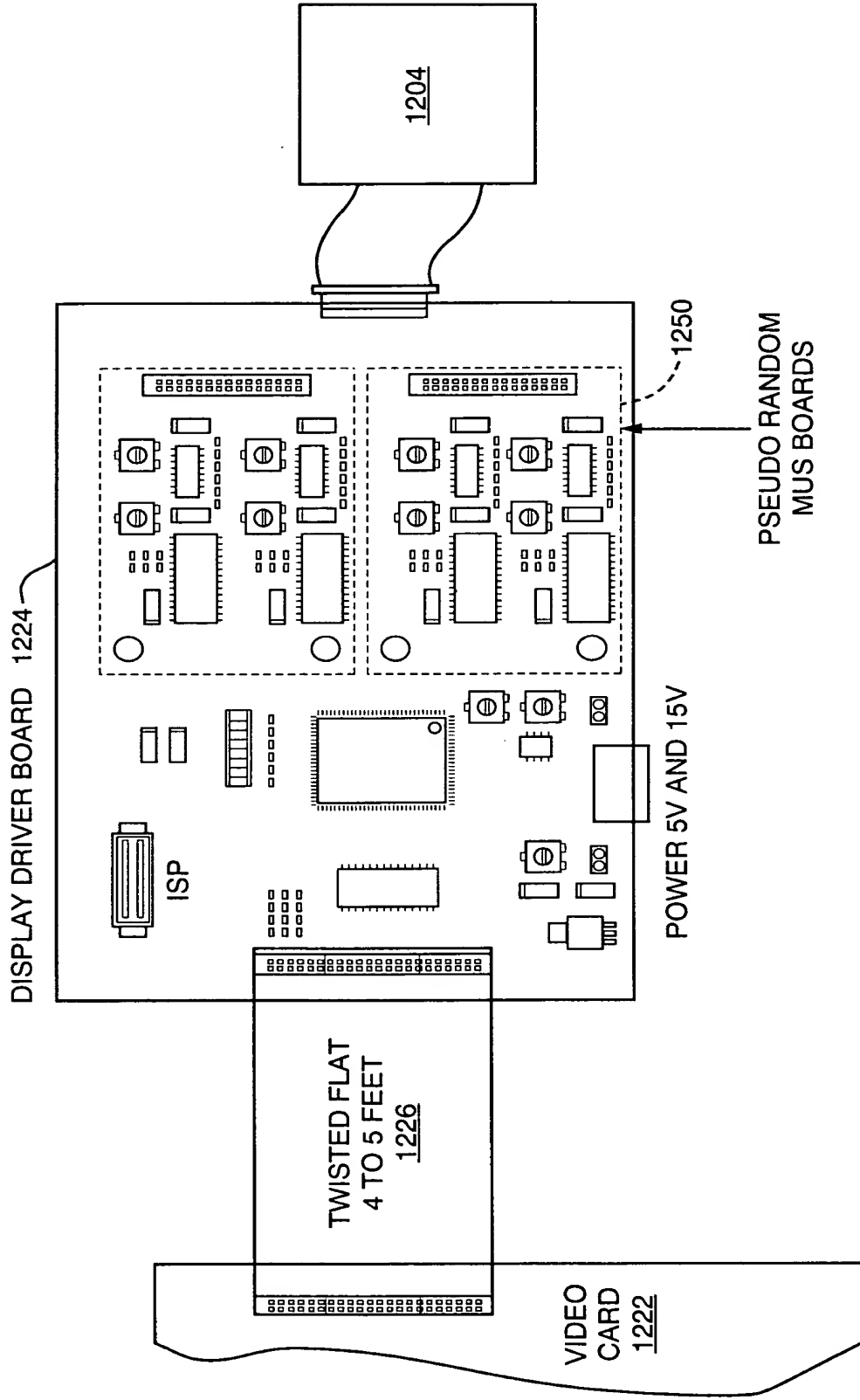


FIG. 38C

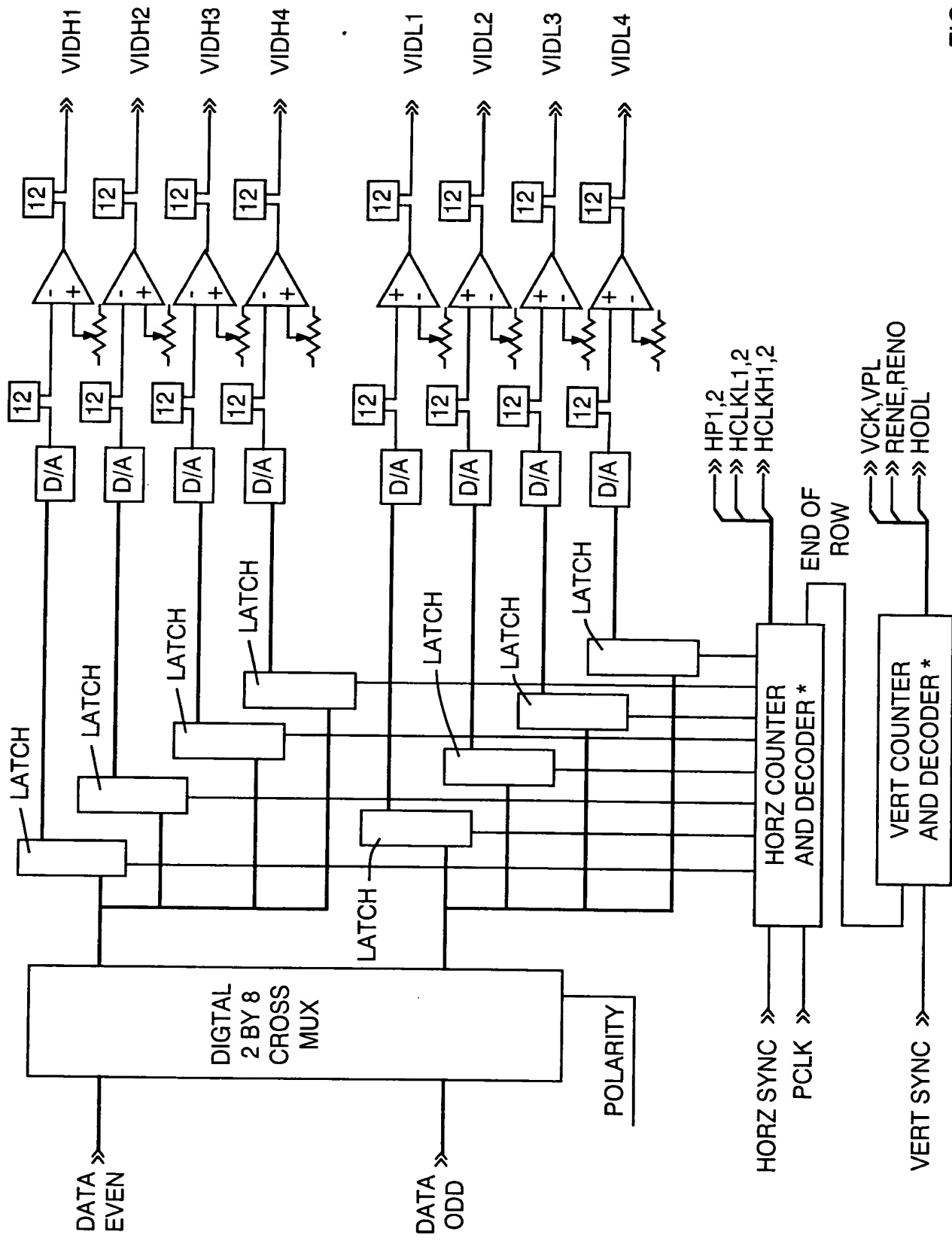


FIG. 38D

66050-5460E60

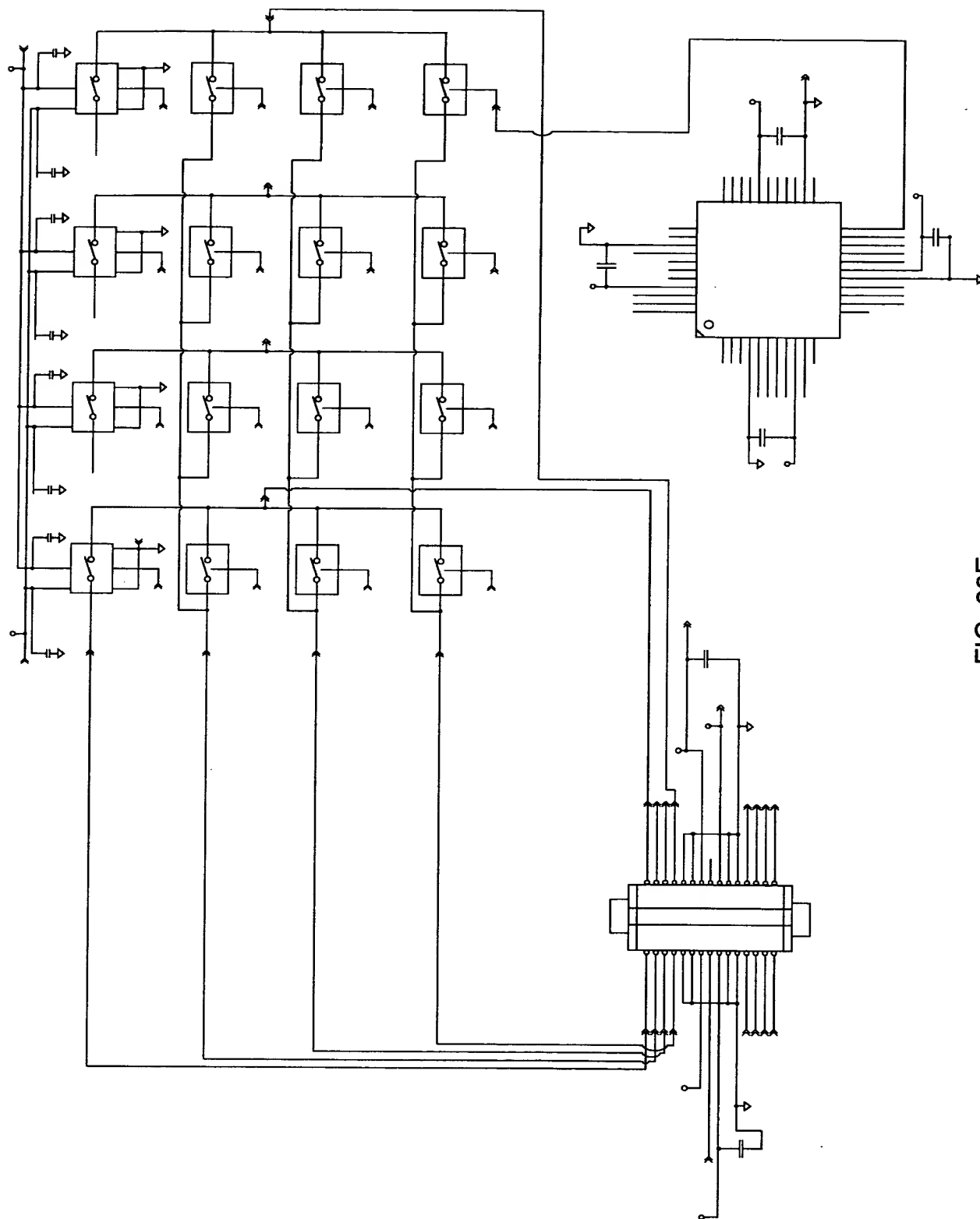


FIG. 38Ea

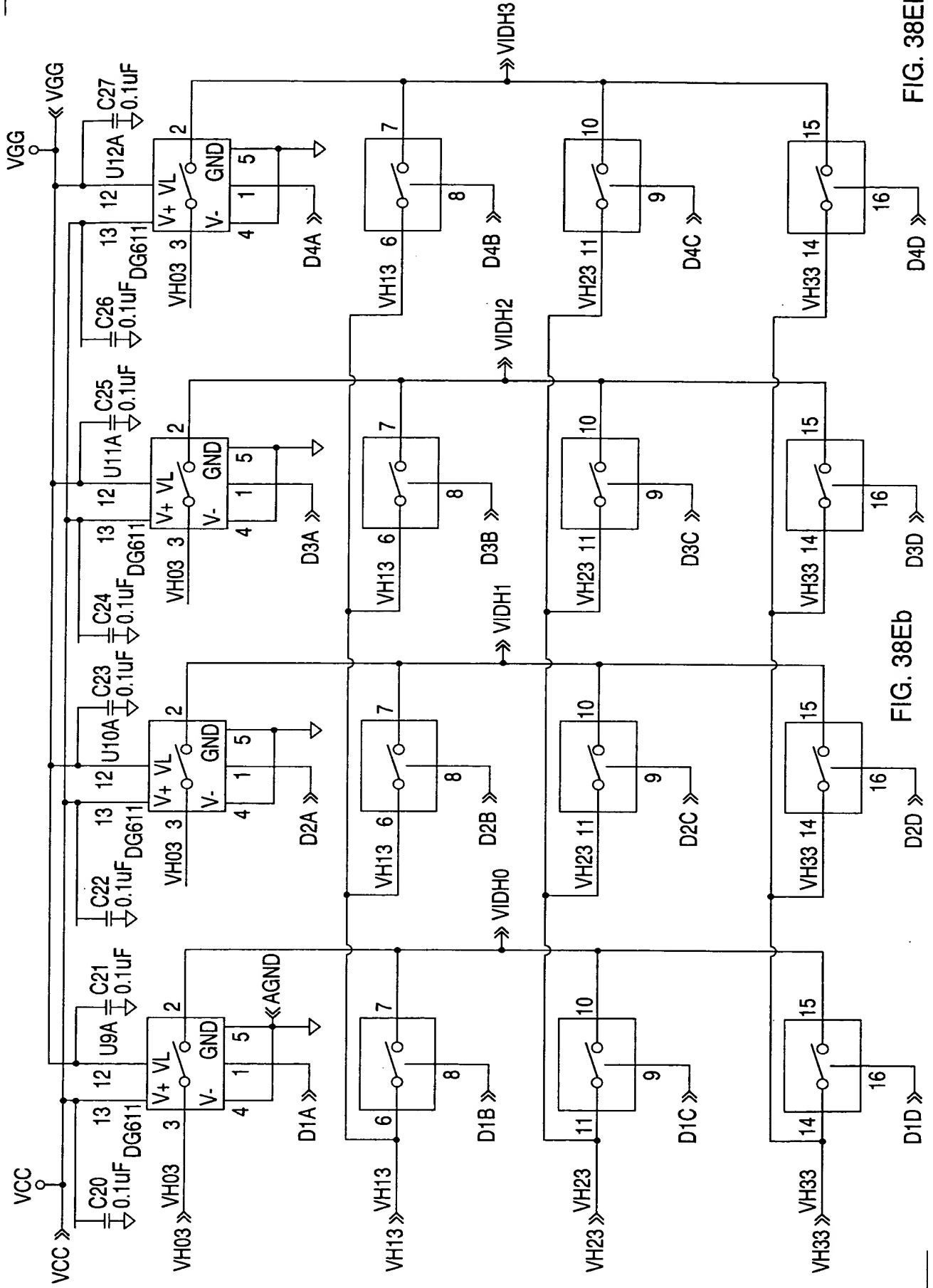
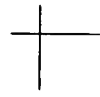


FIG. 38Eb

FIG. 38Eb

